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HEALTH DEPARTMENT OF THE CITY OF BOSTON.

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Statement of Deaths for the month of January, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of January, 1899 1,150
Population estimated at 541,827. Rate per 1,000 inhabitants, 25.47

Total number	1,150
SEX.	
Males	588
Females	562
CONDITION.	
Married	386
Single	537
Widows	168
Widowers	53
Unknown	6
COLOR.	
White	1,117
Colored	33

Total deaths	Under 1 year	190
	Under 2 years	242
	Under 5 years	297
Diarrhœal diseases,	Under 1 year	4
	Under 2 years	4
	Under 5 years	4
	All ages	5

NATIVITY.	
United States	721
Ireland	219
England	29
Scotland	7
Germany	20
British America	85
Italy	17
Russia	13
Other Countries	20
Unknown	19
PARENTAGE.	
United States	271
Irish	392
English	32
Scotch	13
German	24
British American	68
Italian	39
Russian	24
Other Countries	65
Mixed	78
Unknown	144

2295

Still-births during the month 46

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for January, 1899.	Total Mortality for January, 1898.	AGE.																								SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																												
Alcoholism	8	5													3	3	1		1				5	3
Croup	2	2			1	1				2													1	1
Carbuncle																								
Cholera Morbus																								
Cholera Infantum	2	2	1	1						2														2
Cerebro-spinal Meningitis	5	8						1	1	2	1	1				1							2	3
Congestive Fever																								
Diarrhœa	1	2	1							1														1
Dysentery	2				1					1								1					1	1
Diphtheria	20	23		1		2	7	3	1	14	5		1										11	9
Erysipelas	5	3	1	1	1					3								1	1				2	3
Intermittent Fever																								
Influenza	29	2	1	1	1			1		4	1		2	1	2	3	4	5	5	2			17	12
Measles	3					2				2					1								1	2
Purpura																								
Puerperal Fever		1																						
Pyæmia	1	1	1							1													1	
Remittent Fever																								
Rheumatism																								
Scarlatina	2	4					1			1	1													2
Small-pox																								
Syphilis (Congenital)	5	2	2	1	2					5													3	2
Syphilis		1																						
Septicæmia	4	5	1							1		1			1	1								4
Tonsillitis																								
Typhoid Fever	17	8										1	4	8	3		1						12	5
Typhus Fever																								
Whooping Cough	6	2			3	1	1	1		6													3	3
Yellow Fever																								
Other Zymotic Diseases		1																						
II. CONSTITUTIONAL.																								
Cancer	29	41												1	3	12	7	3	3				8	21
Hydrocephalus and Tuberc. Meningitis,	8	8		1	1	2	1	1	1	7				1									6	2
Marasmus, Scrofula & Tabes Mesenterica	20	24	11	5	2			1		19									1				10	10
Phthisis Pulmonalis	129	104		1	2	2	2	1		8	3	1	7	41	30	23	7	3	6				66	63
Other Constitutional Diseases	21	23					2			2			1	2	7	2	2	3	2				13	8

of January, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for January, 1899.	Total Mortality for January, 1898.	AGE.																					SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.		Males.	Females.
III. LOCAL.																									
Apoplexy	46	39													3	3	13	15	9	2	1			25	21
Bright's Disease	19	9										1		1	3	3	3	6	2					11	8
Bronchitis	68	44	11	6	9	7	1		1	35				1		3	7	8	7	6	1			25	43
Heart Disease	95	102	1				1			2	4		3	11	9	8	15	20	17	6			41	54
Meningitis	17	28	2	1	5	1	1	1	1	12	1						3	1						9	8
Nephritis	26	24			1					1			1	1	6	1	7	4	5					14	12
Pleurisy	3												1			1	1							1	2
Pneumonia	280	121	10	9	15	27	10	5	3	79	3	1	5	25	33	36	28	29	26	12	3			139	141
Other Local Diseases	130	125	11	8	7	4	2		1	33		1	3	10	13	16	13	23	13	5				75	55
IV. DEVELOPMENTAL.																									
Cyanosis	4		4							4														3	1
Inanition	14	19	9	2	1					12										1	1			4	10
Old Age	36	23																	1	4	25	6		12	24
Premature Birth	20	26	18	2						20														16	4
Puerp'l Diseases (not includ'g Puerp'l Fever),	2	5												1		1									2
Other Developmental Diseases	16	14	9			1				10				1				1	3	1				9	7
V. VIOLENT.																									
Accidental	39	32	1			1		1	1	4	2	1	1	5	10	9	3	3		1				32	7
Homicidal	1	3				1				1															1
Suicidal	6	4												1		1	1	1	1	1				5	1
Other Violent Causes	1	4													1										1
Unknown Causes	8	7		3						3				1	1	1	1		1					5	3
Total from all Causes	1150	901	95	43	52	52	29	16	10	297	21	8	29	112	129	128	117	128	107	62	12			588	562
Total from Zymotic Diseases	112	72	8	5	9	6	9	6	2	45	8	3	7	9	10	8	6	7	7	2				59	53
Including Tubercular Diseases	275	228																							
Total from Constitutional Diseases	207	200	11	7	5	4	5	3	1	36	3	1	8	45	40	37	16	9	12					103	104
" " Local "	684	492	35	24	37	39	15	6	6	162	8	3	13	49	67	71	90	106	79	31	5			340	344
" " Developmental "	92	87	40	4	1	1				46				2		1		2	7	27	7			44	48
" " Violent Causes	47	43	1			2		1	1	5	2	1	1	6	11	10	4	4	1	2				37	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of January, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING JANUARY, 1899.			CASES REPORTED DURING JANUARY, 1898.		
	City.	Quarantine.		City.	Quarantine.
Diphtheria	214	....	Diphtheria	192	....
Measles	697	....	Measles	80	....
Small-pox	....	....	Small-pox	....	....
Scarlatina	89	....	Scarlatina	103	....
Typhoid Fever	13	....	Typhoid Fever	27	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of January, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.43	10	72	N.W.	.30
2	30.79	10	69	W.	.00
3	30.51	29	72	S.W.	.00
4	30.18	40	85	S.W.	*T
5	30.05	48	64	S.W.	.00
6	30.01	34	90	E.	.62
7	29.97	28	68	W.	.18
8	30.34	28	60	S.W.	.00
9	30.21	30	60	S.W.	*T
10	30.48	11	44	N.W.	.00
11	30.56	15	44	N.W.	.00
12	30.53	22	30	W.	.00
13	30.41	26	67	N.E.	.01
14	29.75	38	98	N.	.38
15	29.86	41	60	W.	.00
16	30.07	38	82	S.	.01
17	29.76	44	78	W.	.89
18	30.13	25	54	N.W.	.00
19	30.32	26	45	W.	.00
20	30.21	36	89	W.	.00
21	29.91	38	68	S.W.	.00
22	29.76	38	64	W.	.00
23	30.10	38	62	W.	.00
24	29.70	42	92	S.	.78
25	29.68	34	71	N.W.	1.02
26	29.84	35	74	S.W.	.00
27	29.80	26	50	W.	.00
28	30.05	15	62	W.	.00
29	29.94	22	52	W.	.00
30	30.06	22	48	W.	.00
31	30.06	20	68	N.	*T
TOTALS.....	—	—	—	—	4.19
MEANS.....	30.110	29.2	64.2	W.	.135

GENERAL ITEMS.

Mean Barometer, 30.110.
Highest Barometer, 30.855, on the 2d.
Lowest Barometer, 29.394 on the 25th.
Monthly Range of Barometer, 1.461.
Mean Temperature, 29.2
Highest Temperature, 57, on the 5th.
Lowest Temperature, —3, on the 2d.
Monthly Range of Temperature, 60.
Greatest Daily Range of Temperature, 33, on the 27th.
Least Daily Range of Temperature, 6, on the 31st.
Mean Daily Range of Temperature, 18.0.
Mean Daily Dew-point, 17.0.
Mean Daily Relative Humidity, 64.2.
Prevailing Direction of Wind, W.
Total Movement of Wind, 9,695 miles.
Highest Velocity of Wind and Direction, 40 N.W.
Number of Foggy Days, Number of Fair Days, 3.
Number of Clear Days, 18. Number of Cloudy Days, 10.
Total Number of Days on which Rain or Snow fell, 12.
Depth of unmelted Snow on ground at end of month,
Dates of Auroras, none. Dates of Solar Halos, 26th and 28th
Date of Lunar Halos, 20th.
Thunder Storm, none. Dates of Frosts,
Mean Max. Temp., 38.1. Mean Min. Temp., 20.2.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	26	1871	0.92
1872	27	1872	2.11
1873	26	1873	5.76
1874	31	1874	4.32
1875	20	1875	3.68
1876	30	1876	1.87
1877	23	1877	3.33
1878	28	1878	7.60
1879	24	1879	2.79
1880	35	1880	3.72
1881	22	1881	7.21
1882	26	1882	3.68
1883	25	1883	3.59
1884	24	1884	6.27
1885	27	1885	5.33
1886	26	1886	7.08
1887	26	1887	4.86
1888	20	1888	2.26
1889	36	1889	4.11
1890	32	1890	2.00
1891	31	1891	4.39
1892	28	1892	4.62
1893	21	1893	2.56
1894	30	1894	3.01
1895	29	1895	3.79
1896	25	1896	2.25
1897	28	1897	3.16
1898	29	1898	3.50
1899	29	1899	4.19

*T indicates trace of precipitation. Average mean temperature for 29 years, 27. Average monthly precipitation for 29 years, 3.93.

STATISTICAL DEPARTMENT.
REC'D.....

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of February, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of February, 1899 912
Population estimated at 541,827. Rate per 1,000 inhabitants, 20.20

Total number	912
SEX.	
Males	487
Females	425
CONDITION.	
Married	317
Single	439
Widows	106
Widowers	42
Unknown	8
COLOR.	
White	886
Colored	26

Total deaths	Under 1 year	154
	Under 2 years	212
	Under 5 years	253
Diarrhœal diseases,	Under 1 year	1
	Under 2 years	1
	Under 5 years	1
	All ages	3

NATIVITY.	
United States	598
Ireland	171
England	15
Scotland	7
Germany	13
British America	58
Italy	15
Russia	11
Other Countries	13
Unknown	11
PARENTAGE.	
United States	217
Irish	305
English	24
Scotch	11
German	19
British American	58
Italian	38
Russian	24
Other Countries	48
Mixed	67
Unknown	101

Still-births during the month 60

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for February, 1899.	Total Mortality for February, 1898.	AGE. Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																								
Alcoholism	4	4													2	1	1						3	1
Croup	3	3				1				1	2												2	1
Carbuncle																								
Cholera Morbus																								
Cholera Infantum	1	3	1							1													1	
Cerebro-spinal Meningitis	6	9			2		1			3	1		2										1	5
Congestive Fever																								
Diarrhœa	2	3												1					1				1	1
Dysentery		1																						
Diphtheria	17	12			1	2	3		3	9	6	2											11	6
Erysipelas	3	4																	2	1			1	2
Intermittent Fever																								
Influenza	10	1	2							2							2		5	1			4	6
Measles	1	1	1							1													1	
Purpura	1													1									1	
Puerperal Fever	2	1												2										2
Pyæmia		1																						
Remittent Fever																								
Rheumatism	1	1															1							1
Scarlatina	5	6					2			2	3												2	3
Small-pox																								
Syphilis (Congenital)	2			1		1				2													2	
Syphilis		1																						
Septicæmia	2	5													1		1						1	1
Tonsillitis																								
Typhoid Fever	4	5												1	2		1						2	2
Typhus Fever																								
Whooping Cough	7	4	1	2	1	3				7													2	5
Yellow Fever																								
Other Zymotic Diseases																								
II. CONSTITUTIONAL.																								
Cancer	24	32													5	3	6	6	3	1			6	18
Hydrocephalus and Tuberc. Meningitis,	12	7	1		2	4	2			9	2					1							8	4
Marasmus, Scrofula & Tabes Mesenterica	17	22	9	3	1	2				15		1							1				12	5
Phthisis Pulmonalis	105	80	2		1	2				5			6	32	30	15	12	2	3				59	46
Other Constitutional Diseases	25	15		1	3	2	2			8				4	7	1	2	2	1				14	11

of February, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for January, 1899.	Total Mortality for January, 1898.	AGE. Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																								
Apoplexy	34	32		1	1			1		3					1	6	4	6	11	3			14	20
Bright's Disease	7	8															3	2	2				6	1
Bronchitis	38	42	3	3	9	4	1			20	1			1	1	3	2	3	3	3	1		19	19
Heart Disease	94	76	2	1				1		4	2	1	1	6	6	2	28	24	17	3			47	47
Meningitis	32	18	4	4	4	7	2	2	4	27	1	1			2	1							22	10
Nephritis	26	27			1			1		2		1	2	2	4	4	6	1	4				10	16
Pleurisy	3	1												1	1			1					2	1
Pneumonia	175	126	5	4	12	25	6	1	3	56	3			9	29	15	17	19	19	8			101	74
Other Local Diseases	129	124	9	5	3	2	3		2	24	2	4	4	10	6	17	23	19	12	8			58	71
IV. DEVELOPMENTAL.																								
Cyanosis																								
Inanition	13	7	7	1	2					10					1				1	1			6	7
Old Age	10	19																1	4	5			6	4
Premature Birth	16	27	16							16													10	6
Puerp'l Diseases (not includ'g Puerp'l Fever),	1	5													1									1
Other Developmental Diseases	17	14	14		1					15							1			1			11	6
V. VIOLENT.																								
Accidental	45	25	5			3	1			9	2			7	9	1	6	10	1				31	14
Homicidal		1																						
Suicidal	9	3												2		3	2	2					7	2
Other Violent Causes	1	3															1							1
Unknown Causes	8	6	1	1						2				2		1	2		1				3	5
Total from all Causes	812	785	83	27	44	58	23	6	12	253	25	10	15	81	108	74	121	100	90	34	1		487	425
Total from Zymotic Diseases	71	45																						
Including Tubercular Diseases	229	175	5	3	4	7	6		3	28	12	2	2	5	5	1	6	2	7	1			35	36
Total from Constitutional Diseases	183	156	12	4	7	10	4			37	2	1	6	36	42	20	20	10	8	1			99	84
" " Local "	538	454	23	18	30	38	12	6	9	136	9	7	7	29	50	48	83	75	68	25	1		279	259
" " Developmental "	57	72	37	1	3					41					2		1	1	5	7			33	24
" " Violent Causes	55	32	5			3	1			9	2			9	9	4	9	12	1				38	17

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of February, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING FEBRUARY, 1899.	City.	Quarantine.	CASES REPORTED DURING FEBRUARY, 1898.	City.	Quarantine.
Diphtheria	202	....	Diphtheria	134	....
Measles	681	....	Measles	82	....
Small-pox	1	....	Small-pox	....	....
Scarlatina	103	....	Scarlatina	60	....
Typhoid Fever	12	....	Typhoid Fever	17	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of February, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.18	15	57	N.W.	.03
2	30.24	21	50	W.	.00
3	30.04	28	94	E.	.33
4	29.90	28	78	N.W.	.36
5	30.16	20	72	N.W.	.04
6	30.08	24	64	N.	.00
7	29.96	24	91	N.	.15
8	29.48	20	88	E.	.22
9	29.80	8	64	W.	.00
10	30.11	4	56	W.	.00
11	30.44	4	50	W.	.00
12	30.39	6	90	N.	.16
13	29.52	12	96	N.	.81
14	29.86	20	57	N.W.	.11
15	30.46	22	66	S.W.	.00
16	30.21	34	60	S.W.	.00
17	29.89	42	78	S.W.	.22
18	29.82	43	90	S.W.	.09
19	29.61	40	69	W.	.34
20	29.63	44	58	S.W.	.00
21	29.75	42	72	S.W.	*T
22	29.54	42	86	S.W.	.01
23	29.65	40	68	W.	.00
24	30.07	37	46	N.W.	.00
25	30.43	29	44	N.W.	.00
26	30.40	30	69	N.	.05
27	29.75	44	78	W.	.11
28	29.99	36	60	S.W.-W.	.00
29					
30					
31					
TOTALS.....	—	—	—	—	—
MEANS.....	29.978	26.8	69.6	W.	.109

GENERAL ITEMS.

Mean Barometer, 29.978.
Highest Barometer, 30.509, on the 15th.
Lowest Barometer, 29.049 on the 13th.
Monthly Range of Barometer, 1.460.
Mean Temperature, 26.8.
Highest Temperature, 54, on the 20th.
Lowest Temperature, —4, on the 11th.
Monthly Range of Temperature, 58.
Greatest Daily Range of Temperature, 25, on the 15th.
Least Daily Range of Temperature, 7, on the 7th.
Mean Daily Range of Temperature, 14.6.
Mean Daily Dew-point, 16.8.
Mean Daily Relative Humidity, 69.6.
Prevailing Direction of Wind, W.
Total Movement of Wind, 3,745 miles.
Highest Velocity of Wind and Direction, 42 N.E.
Number of Foggy Days, Number of Fair Days, 3.
Number of Clear Days, 12. Number of Cloudy Days, 13.
Total Number of Days on which Rain or Snow fell, 16.
Depth of unmelted Snow on ground at end of month,
Dates of Auroras, none. Dates of Solar Halos, 11, 15, 22, 26.
Date of Lunar Halos, 21st.
Thunder Storm, none. Dates of Frosts,
Mean Max. Temp., 34.1. Mean Min. Temp., 19.5.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	29	1871	2.63
1872	28	1872	2.31
1873	27	1873	3.21
1874	28	1874	3.41
1875	22	1875	3.74
1876	27	1876	4.54
1877	32	1877	0.45
1878	29	1878	4.40
1879	24	1879	4.35
1880	32	1880	4.11
1881	28	1881	4.89
1882	30	1882	4.77
1883	29	1883	2.74
1884	31	1884	5.74
1885	20	1885	3.00
1886	27	1886	7.04
1887	29	1887	3.69
1888	28	1888	2.36
1889	26	1889	1.54
1890	33	1890	2.29
1891	32	1891	3.66
1892	28	1892	2.15
1893	27	1893	6.22
1894	27	1894	3.15
1895	25	1895	1.11
1896	29	1896	3.94
1897	31	1897	2.12
1898	33	1898	4.81
1899	27	1899	3.03

*T indicates trace of precipitation. Average mean temperature for 29 years, 28. Average monthly precipitation for 29 years, 3.50.

P. R. 772

8 Mar 99

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of March, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of March, 1899 925
Population estimated at 541,827. Rate per 1,000 inhabitants, 20.49

Total number	925

SEX.

Males	469
Females	456

CONDITION.

Married	274
Single	495
Widows	105
Widowers	43
Unknown	8

COLOR.

White	905
Colored	20

Total deaths	Under 1 year	171
	Under 2 years	235
	Under 5 years	282

Diarrhœal diseases,	Under 1 year	2
	Under 2 years	2
	Under 5 years	2
	All ages	4

NATIVITY.

United States	601
Ireland	151
England	16
Scotland	6
Germany	30
British America	68
Italy	11
Russia	9
Other Countries	20
Unknown	13

PARENTAGE.

United States	218
Irish	275
English	13
Scotch	13
German	28
British American	64
Italian	41
Russian	20
Other Countries	75
Mixed	66
Unknown	112

Still-births during the month 41

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for March, 1897.	Total Mortality for March, 1898.	AGE.																								SEX.	
			Under 3 months.	3 months and under 6 months.	6 month and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																												
Alcoholism	2	6																2					2	
Croup	1	1				1				1													1	
Carbuncle		1																						
Cholera Morbus																								
Cholera Infantum	1			1						1														1
Cerebro-spinal Meningitis	16	12	1	1	4	2	2			10				4		1		1					10	6
Congestive Fever																								
Diarrhœa	3	1		1						1					1					1			3	
Dysentery		1																						
Diphtheria	21	12			4	6	3	1	2	16	3			1	1			2		1			15	6
Erysipelas	10	4	1	1						2				1	1	3		2		1			8	2
Intermittent Fever																								
Influenza	6	1		1						1								2		3			5	1
Measles	9	4			1	4	1	1	1	8	1												2	7
Purpura	2	2	2							2													2	
Puerperal Fever																								
Pyæmia																								
Remittent Fever																								
Rheumatism	5	6			1			1		2						3							1	4
Scarlatina	5						2	1	1	4	1												2	3
Small-pox																								
Syphilis (Congenital)	2	1	1	1						2													2	
Syphilis		2																						
Septicæmia	9	3									1			3	1	2	2						5	4
Tonsillitis																								
Typhoid Fever	5	9									1			1	2	1							2	3
Typhus Fever																								
Whooping Cough	9	6	2	2	2	3				9													4	5
Yellow Fever																								
Other Zymotic Diseases	1													1									1	
II. CONSTITUTIONAL.																								
Cancer	35	28													1	8	9	10	6	1			8	27
Hydrocephalus and Tuberc. Meningitis,	14	21	3	1	1	5	2	2		14													5	9
Marasmus, Scrofula & Tabes Mesenterica	22	23	8	9	1	1				19			1			1				1			13	9
Phthisis Pulmonalis	128	123	1	1		2	1			5	1	1	12	38	30	27	7	7					72	56
Other Constitutional Diseases	18	26				2				2	3		5		4	3		1					6	12

of March, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for March, 1899.	Total Mortality for March, 1898.	AGE.																				SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
Apoplexy	38	32			1					1	1				1	2	8	10	12	3			18	20
Bright's Disease	12	9											1		1	3	2	2	1	2			8	4
Bronchitis	32	34	3	5	5	3		1		17				1	1		1	2	5	4	1		10	22
Heart Disease	79	89	2					1		3	2	2	2	6	4	6	20	17	15	2			39	40
Meningitis	26	27	1	4	6	5	2			18	2	1	1	2		2							15	11
Nephritis	26	26							1	1		1	1	2	3	2	2	7	4	2	1		17	9
Pleurisy	1						1			1														1
Pneumonia	138	138	5	5	12	19	7	5	1	54	3	2	2	7	12	17	11	16	12	2			70	68
Other Local Diseases	125	143	14	4	6	10	2	1	1	38	2	1	3	11	7	14	13	15	14	7			56	69
IV. DEVELOPMENTAL.																								
Cyanosis	2	2	2							2													2	
Inanition	15	9	10	2	2					14									1				8	7
Old Age	16	23																2	6	4	4		9	7
Premature Birth	11	21	11							11													5	6
Puerp'l Diseases (not includ'g Puerp'l Fever),	5	6													3	2								5
Other Developmental Diseases	25	15	17	1	1	1		1		21	1							2		1			10	15
V. VIOLENT.																								
Accidental	30	30				1				1				6	8	6	3	4	1	1			20	10
Homicidal	2	1											1			1							1	1
Suicidal	12	8												3	2	2	3	2					9	3
Other Violent Causes	1	2												1										1
Unknown Causes	5	5				1				1				1	1	1	1						3	2
Total from all Causes	925	913	84	40	47	66	23	15	7	282	22	8	29	89	84	103	86	104	77	35	6		469	456
Total from Zymotic Diseases	107	72																						
Including Tubercular Diseases	290	258	7	8	12	16	8	4	4	59	7			11	6	7	5	7		5			65	42
Total from Constitutional Diseases	217	221	12	11	2	10	3	2		40	4	1	18	38	35	38	17	18	6	2			104	113
" " Local "	477	498	25	18	30	37	12	8	3	133	10	7	10	29	29	46	57	69	63	22	2		233	244
" " Developmental "	74	76	40	3	3	1		1		48	1				3	2		4	7	5	4		34	40
" " Violent Causes	45	41				1				1			1	10	10	9	6	6	1	1			30	15

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of March, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING MARCH, 1899.	City.	Quarantine.
Diphtheria	176	....
Measles	850	....
Small-pox	....	....
Scarlatina	96	....
Typhoid Fever	15	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING MARCH, 1898.	City.	Quarantine.
Diphtheria	145	....
Measles	104	....
Small-pox	....	....
Scarlatina	84	....
Typhoid Fever	27	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of March, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.94	39	62	W.	.00
2	30.12	34	82	N.E.	.25
3	30.14	32	98	N.E.	.29
4	30.10	34	100	N.E.	.09
5	29.56	47	93	S.W.	.52
6	30.01	40	80	W.	.00
7	29.44	34	95	N.E.	.44
8	30.02	29	74	W.-N.W.	*T
9	30.18	29	70	W.	*T
10	30.38	28	71	N.	*T
11	30.24	38	80	S.W.	*T
12	29.77	56	86	S.W.	.05
13	30.12	41	54	W.	.00
14	30.51	29	91	N.	*T
15	30.11	35	86	S.E.	.12
16	29.83	34	58	N.W.	.63
17	30.26	23	40	N.W.	.00
18	29.96	27	76	S.E.	.29
19	29.16	31	95	N.E.	1.26
20	29.68	28	52	W.	.02
21	30.38	24	49	W.	.00
22	30.24	31	94	N.E.-E.	.41
23	29.79	34	97	N.E.	.89
24	29.88	34	58	N.W.	*T
25	29.88	30	46	W.	.00
26	29.75	30	78	N.W.	.23
27	30.17	35	60	N.W.	.00
28	29.98	35	91	S.E.	.04
29	29.23	42	70	W.	.32
30	29.80	34	44	W.	.00
31	29.71	36	86	E.	.10
TOTALS	—	—	—	—	5.95
MEANS	29.946	34	74.6	W.	.192

GENERAL ITEMS.

Mean Barometer, 29.946.
Highest Barometer, 30.538, on the 14th.
Lowest Barometer, 28.909 on the 19th.
Monthly Range of Barometer, 1.629.
Mean Temperature, 34.0.
Highest Temperature, 65, on the 12th.
Lowest Temperature, 15, on the 17th.
Monthly Range of Temperature, 50.
Greatest Daily Range of Temperature, 26, on the 16th.
Least Daily Range of Temperature, 3, on the 4th.
Mean Daily Range of Temperature, 13.3.
Mean Daily Dew-point, 25.8.
Mean Daily Relative Humidity, 74.6.
Prevailing Direction of Wind, W.
Total Movement of Wind, 10,360 miles.
Highest Velocity of Wind and Direction, 58, N.E.
Number of Foggy Days, none. Number of Fair Days, 6.
Number of Clear Days, 10. Number of Cloudy Days, 15.
Total Number of Days on which Rain or Snow fell, 23.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 1st, 21st.
Date of Lunar Halos, 27th.
Thunder Storm, 5th. Dates of Frosts,
Mean Max. Temp., 40.6. Mean Min. Temp., 27.4.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches	
1871	42	1871	4.55
1872	27	1872	4.05
1873	35	1873	3.76
1874	35	1874	1.60
1875	31	1875	5.04
1876	33	1876	7.19
1877	34	1877	9.79
1878	39	1878	5.91
1879	33	1879	3.90
1880	33	1880	3.25
1881	36	1881	9.86
1882	35	1882	3.35
1883	31	1883	2.33
1884	34	1884	4.86
1885	28	1885	1.15
1886	34	1886	3.20
1887	32	1887	3.86
1888	32	1888	3.32
1889	38	1889	1.19
1890	35	1890	5.88
1891	34	1891	3.94
1892	33	1892	3.91
1893	34	1893	2.80
1894	42	1894	1.01
1895	35	1895	2.72
1896	32	1896	5.41
1897	37	1897	2.79
1898	43	1898	1.82
1899	34	1899	5.95

*T indicates trace of precipitation. Average mean temperature for 29 years, 35. Average monthly precipitation for 29 years, 4.08.

PR 973

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

STATISTICAL DEPARTMENT JUN 16 1899 BOSTON PUBLIC LIBRARY

Statement of Deaths for the month of April, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of April, 1899 972
Population estimated at 541,827. Rate per 1,000 inhabitants, 21.53

Total number	972

SEX.

Males	510
Females	462

CONDITION.

Married	327
Single	468
Widows	114
Widowers	58
Unknown	5

COLOR.

White	956
Colored	16

Total deaths	Under 1 year	152
	Under 2 years	215
	Under 5 years	271
Diarrhœal diseases,	Under 1 year	2
	Under 2 years	3
	Under 5 years	3
	All ages	3

NATIVITY.

United States	600
Ireland	198
England	19
Scotland	6
Germany	13
British America	60
Italy	18
Russia	14
Other Countries	28
Unknown	16

PARENTAGE.

United States	188
Irish	342
English	23
Scotch	13
German	24
British American	58
Italian	47
Russian	27
Other Countries	70
Mixed	76
Unknown	104

Still-births during the month	43

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for April, 1899.	Total Mortality for April, 1898.	AGE. Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																								
Alcoholism	7	10												1	3	3							3	4
Croup	1							1		1													1	
Carbuncle		1																						
Cholera Morbus																								
Cholera Infantum	1	1			1					1													1	
Cerebro-spinal Meningitis	8	17									3		1		1	2		1					6	2
Congestive Fever																								
Diarrhœa	2	1	1			1				2													1	1
Dysentery																								
Diphtheria	20	20			1	3	6	3	1	14	2		1		1		2						10	10
Erysipelas	5	2	1	1	1					3				1		1							3	2
Intermittent Fever																								
Influenza	3	8												1			1			1			1	2
Measles	7	2				3	1	1		5					2								4	3
Purpura		1																						
Puerperal Fever																								
Pyæmia	2	1												1	1								2	
Remittent Fever																								
Rheumatism	1	1														1							1	
Scarlatina	7	3				3	1		1	5	2												1	6
Small-pox																								
Syphilis (Congenital)	1	3	1							1													1	
Syphilis																								
Septicæmia	6	3												2	1	2		1					1	5
Tonsillitis																								
Typhoid Fever	8	8											1	6	1								4	4
Typhus Fever																								
Whooping Cough	4	8		1		2	1			4													1	3
Yellow Fever																								
Other Zymotic Diseases																								
II. CONSTITUTIONAL.																								
Cancer	40	37													4	9	8	11	8				15	25
Hydrocephalus and Tubero. Meningitis,	15	19		1	2	5		4		12	2			1									11	4
Marasmus, Scrofula & Tabes Mesenterica	22	32	10	4	3	3		1		21							1						12	10
Phthisis Pulmonalis	116	119			1	1				2		1	13	23	40	16	11	8	2				64	52
Other Constitutional Diseases	24	18		1			3	1		5		2	1	4	5	2	2	2		1			11	13

of April, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for April, 1899.	Total Mortality for April, 1898.	AGE.																				SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
Apoplexy	35	31	1							1					2	6	4	9	12				13	22
Bright's Disease	11	21			1					1	1			1		1		4	2		1		3	8
Bronchitis	42	33	2	3	9	7	1			22	1	1			3	1	3	4	2	5			26	16
Heart Disease	87	89	1		1			3		5	3		2	9	11	8	13	16	16	4			46	41
Meningitis	33	32	3	4	4	9	4	1		25	2		1	3	1		1						21	12
Nephritis	34	19	1							1			1	2	6	2	5	10	5	2			15	19
Pleurisy	2	2												2									2	
Pneumonia	151	111	1	9	10	22	12	3	1	58	2	1	6	8	9	19	21	10	13	4			79	72
Other Local Diseases	152	148	17	5	3	4	2		1	32	3	4	6	9	11	22	21	29	11	3	1		76	76
IV. DEVELOPMENTAL.																								
Cyanosis		5																						
Inanition	19	6	14	2	1					17			1					1					13	6
Old Age	17	15																2	2	9	4		5	12
Premature Birth	13	16	13							13													8	5
Puerp'l Diseases (not includ'g Puerp'l Fever),	5	5												2	2	1								5
Other Developmental Diseases	16	15	9	1	1					11					1		1	1	2				12	4
V. VIOLENT.																								
Accidental	35	52	2				1		2	5	2	1	1	10	5	6	3	1	1				24	11
Homicidal	1	1													1								1	
Suicidal	10	9												1	3	1	2	3					10	
Other Violent Causes	2	2													1		1							2
Unknown Causes	7	3	2		2					4		1			1			1					2	5
Total from all Causes	972	930	79	32	41	63	32	18	6	271	24	11	35	87	116	103	100	114	76	29	6		510	462
Total from Zymotic Diseases Including Tubercular Diseases	83 260	90 277	3	2	3	12	9	5	2	36	7		3	12	10	9	3	2		1			41	42
Total from Constitutional Diseases	217	225	10	6	6	9	3	6		40	2	3	14	28	49	27	22	21	10	1			113	104
" " Local "	547	486	26	21	28	42	19	7	2	145	13	6	16	34	43	59	68	82	61	18	2		281	266
" " Developmental "	70	62	36	3	2					41			1	2	3	1	1	4	4	9	4		38	32
" " Violent Causes	48	64	2				1		2	5	2	1	1	11	10	7	6	4	1				35	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of April, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING APRIL, 1899.	City.	Quarantine.
Diphtheria	152	....
Measles	538	....
Small-pox	9	....
Scarlatina	109	....
Typhoid Fever	60	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING APRIL, 1898.	City.	Quarantine.
Diphtheria	148	....
Measles	185	....
Small-pox	....	....
Scarlatina	89	....
Typhoid Fever	25	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of April, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	29.80	38	49	W.	.00
2	29.89	34	50	W.	.00
3	30.02	38	51	N.W.	.00
4	30.11	40	46	N.	.00
5	30.23	36	39	N.-N.E.	.00
6	30.34	38	35	S.E.-N.W.	.00
7	30.13	46	55	S.W.	*T
8	29.57	53	83	S.W.	.78
9	29.73	43	62	W.	.00
10	30.07	42	54	W.	.00
11	30.29	38	53	E.	.00
12	29.97	42	62	S.	.08
13	29.87	50	60	N.W.	.00
14	29.88	52	60	E.-S.W.	*T
15	29.92	57	32	N.W.	.01
16	29.80	40	74	N.	.31
17	29.94	45	60	N.W.	.11
18	30.13	54	36	N.W.	.00
19	30.25	43	75	E.	.00
20	30.27	42	68	E.	*T
21	30.27	45	59	N.E.	.00
22	30.25	50	42	E.	.00
23	30.15	62	54	W.	.00
24	30.18	54	40	E.	.00
25	30.00	64	69	S.W.	*T
26	29.96	56	79	E.	.00
27	30.25	50	73	E.	.00
28	30.25	57	34	S.W.	.00
29	30.19	64	46	S.W.	.00
30	30.12	68	58	S.W.	.00
31					
TOTALS	—	—	—	—	1.29
MEANS	29.922	48.2	55.3	W.	.043

GENERAL ITEMS.

Mean Barometer, 29.922.
Highest Barometer, 30.362, on the 6th.
Lowest Barometer, 29.538 on the 8th.
Monthly Range of Barometer, .824.
Mean Temperature, 48.2.
Highest Temperature, 83, on the 29th.
Lowest Temperature, 28, on the 3d.
Monthly Range of Temperature, 55.
Greatest Daily Range of Temperature, 38, on the 29th.
Least Daily Range of Temperature, 7, on the 27th.
Mean Daily Range of Temperature, 18.5.
Mean Daily Dew-point, 31.0.
Mean Daily Relative Humidity, 55.3.
Prevailing Direction of Wind, W.
Total Movement of Wind, 7,882 miles.
Highest Velocity of Wind and Direction, 31, N.W.
Number of Foggy Days, none. Number of Fair Days, 7.
Number of Clear Days, 17. Number of Cloudy Days, 6.
Total Number of Days on which Rain or Snow fell, 9.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, none.
Date of Lunar Halos, none.
Thunder Storm, 24th. Dates of Frosts, 6th.
Mean Max. Temp., 57.4. Mean Min. Temp., 38.9.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	47	1871	3.79
1872	45	1872	1.31
1873	47	1873	3.83
1874	37	1874	7.97
1875	42	1875	4.92
1876	43	1876	3.61
1877	44	1877	4.19
1878	47	1878	6.14
1879	42	1879	6.58
1880	46	1880	2.85
1881	43	1881	1.66
1882	42	1882	2.50
1883	44	1883	2.83
1884	43	1884	4.76
1885	46	1885	3.30
1886	48	1886	1.70
1887	44	1887	2.62
1888	42	1888	2.04
1889	48	1889	3.07
1890	46	1890	2.29
1891	48	1891	1.71
1892	48	1892	0.93
1893	44	1893	3.13
1894	47	1894	3.78
1895	46	1895	3.65
1896	47	1896	1.56
1897	49	1897	3.17
1898	44	1898	6.39
1899	48	1899	1.29

*T indicates trace of precipitation. Average mean temperature for 29 years, 45. Average monthly precipitation for 29 years, 3.40.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

STATISTICAL DEPARTMENT
AUG 10 1899
BOSTON PUBLIC LIBRARY

Statement of Deaths for the month of May, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of May, 1899 880
Population estimated at 541,827. Rate per 1,000 inhabitants, 19.49

Total number	880

SEX.

Males	472
Females	408

CONDITION.

Married	263
Single	442
Widows	114
Widowers	54
Unknown	7

COLOR.

White	855
Colored	25

Total deaths	Under 1 year	149
	Under 2 years	191
	Under 5 years	238

Diarrhœal diseases,	Under 1 year	2
	Under 2 years	5
	Under 5 years	5
	All ages	7

NATIVITY.

United States	558
Ireland	166
England	12
Scotland	8
Germany	17
British America	68
Italy	14
Russia	9
Other Countries	15
Unknown	13

PARENTAGE.

United States	186
Irish	303
English	17
Scotch	11
German	25
British American	63
Italian	33
Russian	19
Other Countries	52
Mixed	62
Unknown	109

Still-births during the month 46

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for May, 1899.	Total Mortality for May, 1898.	AGE.																							SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																											
Alcoholism	7	3														4	1	2					5	2
Croup	2	1						1	1	2													2	
Carbuncle		1																						
Cholera Morbus																								
Cholera Infantum	1	3				1				1													1	
Cerebro-spinal Meningitis	16	13	1			1	2	2	1	7	1	1	2	2	2			1					11	5
Congestive Fever																								
Diarrhœa	3	1	2			1				3													2	1
Dysentery	3	1				1				1				1					1				1	2
Diphtheria	15	13			1	2	5	1	1	10	4	1											5	10
Erysipelas	6	4	1		1					2						1	2	1					3	3
Intermittent Fever																								
Influenza		5																						
Measles	4	4		1	2		1			4													2	2
Purpura		1																						
Puerperal Fever	2	1											1	1										2
Pyæmia	1	3			1					1													1	
Remittent Fever																								
Rheumatism	3	3															1	1		1			2	1
Scarlatina	10	1				1	2	1	1	5	4				1								8	2
Small-pox	1														1									1
Syphilis (Congenital)	3	1	1				1	1		3													2	1
Syphilis																								
Septicæmia	7	5	1				1			2				1	1		2		1				4	3
Tonsillitis																								
Typhoid Fever	8	9										1		4	1		2						5	3
Typhus Fever																								
Whooping Cough	5	5	1		1	3				5													1	4
Yellow Fever																								
Other Zymotic Diseases	3	2													2		1						3	
II. CONSTITUTIONAL.																								
Cancer	32	41												1	6	3	10	7	3	1	1		14	18
Hydrocephalus and Tuberc. Meningitis	18	10	1	1	3	6	1			12		1	2	1	1	1							10	8
Marasmus, Scrofula & Tabes Mesenterica	14	24	6	1	2					9				1		1			2	1			6	8
Phthisis Pulmonalis	117	115				1				1	1	1	9	38	27	17	14	5	3	1			66	51
Other Constitutional Diseases	14	20		1	1			1		3			1	3	1	2	4						7	7

of May, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for May, 1899.	Total Mortality for May, 1898.	AGE.																				SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
Apoplexy	24	48													1	3	3	7	8	2			8	16
Bright's Disease	13	9												1		2	5	1	3	1			7	6
Bronchitis	27	29	2	2	5	4				13						2	1	4	5	2			9	18
Heart Disease	77	89	3			1	2			6				5	3	11	16	17	14	5			46	31
Meningitis	22	24	2	2	4	5	1		1	15	2	1	1	1		1	1						11	11
Nephritis	25	24											2	3	7	2	4	3	2	2			15	10
Pleurisy	1	1													1									1
Pneumonia	114	94		6	11	9	7	2		35	3		1	9	13	12	13	11	12	4	1		65	49
Other Local Diseases	147	137	13	6	11	6	2	2	3	43	3	1	2	10	12	21	16	18	14	6	1		80	67
IV. DEVELOPMENTAL.																								
Cyanosis	2	3	2							2													1	1
Inanition	16	6	13	1	1					15							1						12	4
Old Age	29	19																2	9	10	7	1	5	24
Premature Birth	19	21	19							19													10	9
Puerp'l Diseases (not includ'g Puerp'l Fever),	5	6											1	2	1	1								5
Other Developmental Diseases	22	9	15							15			1	1					4	1			13	9
V. VIOLENT.																								
Accidental	27	44					2			2	1	1		4	4	5	5	2	2	1			20	7
Homicidal	1	1																	1					1
Suicidal	7	9											1		1	2	2	1					5	2
Other Violent Causes	1	3															1						1	
Unknown Causes	6	2		1					1	2				1	1		1	1					3	3
Total from all Causes	880	868	83	22	44	42	27	11	9	238	19	8	24	90	87	91	106	84	84	38	10	1	472	408
Total from Zymotic Diseases including Tubercular Diseases	100 256	80 244	7	1	6	10	12	6	4	46	9	3	3	9	8	5	9	5	2	1			58	42
Total from Constitutional Diseases	195	210	7	3	6	7	1	1		25	1	2	12	44	35	24	28	12	8	3	1		103	92
" " Local "	450	455	20	16	31	25	12	4	4	112	8	2	6	29	37	54	59	61	58	22	2		241	209
" " Developmental "	93	64	49	1	1					51			2	3	1	1	1	2	13	11	7	1	41	52
" " Violent Causes	36	57					2			2	1	1	1	4	5	7	8	3	3	1			26	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of May, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING MAY, 1899.	City.	Quarantine.	CASES REPORTED DURING MAY, 1898.	City.	Quarantine.
Diphtheria	297	....	Diphtheria	102	....
Measles	494	....	Measles	310	....
Small-pox	....	....	Small-pox	....	....
Scarlatina	142	....	Scarlatina	62	....
Typhoid Fever	33	....	Typhoid Fever	27	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of May, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.98	75	60	S.W.	.01
2	29.95	56	96	N.E.	.36
3	30.11	48	72	N.E.	.00
4	30.14	54	46	N.W.	.00
5	30.26	50	66	E.	.00
6	30.21	57	64	S.W.	.00
7	29.98	66	54	S.W.	.00
8	29.89	55	74	N.E.	.00
9	29.79	55	70	N.	.04
10	30.08	60	40	N.	.00
11	29.87	62	59	S.W.	.06
12	29.87	62	41	N.W.	.00
13	30.00	62	56	S.	.03
14	30.06	59	34	W.	.09
15	30.12	54	50	N.W.	.00
16	30.01	54	44	W.	*T
17	30.04	52	46	N.E.	.04
18	30.12	50	80	E.	.03
19	29.94	49	90	E.	.04
20	29.80	50	76	N.	*T
21	29.92	48	93	N.	.11
22	30.17	48	70	E.	*T
23	30.25	53	71	E.	.00
24	30.28	58	52	S.W.	.00
25	30.21	63	58	S.W.	.00
26	30.13	66	60	S.W.	.00
27	29.95	68	54	S.W.	.00
28	30.00	60	80	N.E.	*T
29	30.17	52	79	E.	*T
30	29.94	66	69	S.W.	.00
31	29.93	74	48	S.W.-W.	.00
TOTALS.....	—	—	—	—	.81
MEANS.....	29.889	57.8	63.0	S.W.	.026

GENERAL ITEMS.

Mean Barometer, 29.899.
Highest Barometer, 30.309 on the 24th.
Lowest Barometer, 29.754 on the 9th.
Monthly Range of Barometer, .555.
Mean Temperature, 57.8.
Highest Temperature, 89 on the 1st.
Lowest Temperature, 41 on the 4th.
Monthly Range of Temperature, 48.
Greatest Daily Range of Temperature, 32, on the 30th.
Least Daily Range of Temperature, 3, on the 18th.
Mean Daily Range of Temperature, 17.4.
Mean Daily Dew-point, 43.3.
Mean Daily Relative Humidity, 63.0.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 7,744 miles.
Highest Velocity of Wind and Direction, 33, N.E.
Number of Foggy Days, 1. Number of Fair Days, 10.
Number of Clear Days, 14. Number of Cloudy Days, 7.
Total Number of Days on which Rain or Snow fell, 15.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 6th and 8th.
Date of Lunar Halos, none.
Thunder Storm, 1st. Dates of Frosts, none.
Mean Max. Temp., 66.5. Mean Min. Temp., 49.0.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	58	1871	4.54
1872	58	1872	3.29
1873	58	1873	5.16
1874	57	1874	3.70
1875	58	1875	3.76
1876	54	1876	2.70
1877	55	1877	3.38
1878	56	1878	1.02
1879	60	1879	0.97
1880	63	1880	1.67
1881	55	1881	4.16
1882	49	1882	6.05
1883	56	1883	5.11
1884	54	1884	3.31
1885	52	1885	4.26
1886	56	1886	3.08
1887	59	1887	1.67
1888	52	1888	5.20
1889	60	1889	4.15
1890	57	1890	4.48
1891	56	1891	1.56
1892	56	1892	5.15
1893	56	1893	5.23
1894	58	1894	4.12
1895	60	1895	2.71
1896	60	1896	1.68
1897	58	1897	4.00
1898	56	1898	4.33
1899	58	1899	.81

*T indicates trace of precipitation. Average mean temperature for 29 years, 57. Average monthly precipitation for 29 years, 3.49.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

AUG 10 1899

Statement of Deaths for the month of June, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of June, 1899 780
Population estimated at 541,827. Rate per 1,000 inhabitants, 17.27

Total number	780

SEX.

Males	398
Females	382

CONDITION.

Married	260
Single	406
Widows	75
Widowers	31
Unknown	8

COLOR.

White	756
Colored	24

Total deaths	Under 1 year	147
	Under 2 years	199
	Under 5 years	241
Diarrhœal diseases,	Under 1 year	8
	Under 2 years	8
	Under 5 years	9
	All ages	10

NATIVITY.

United States	499
Ireland	128
England	20
Scotland	10
Germany	19
British America	59
Italy	10
Russia	8
Other Countries	14
Unknown	13

PARENTAGE.

United States	166
Irish	244
English	13
Scotch	14
German	24
British American	48
Italian	23
Russian	18
Other Countries	59
Mixed	60
Unknown	111

Still-births during the month 52

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for June, 1899.	Total Mortality for June, 1898.	AGE.																								SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																												
Alcoholism	6	4												1	2	1		1	1				4	2
Croup	1	2					1			1														1
Carbuncle																								
Cholera Morbus																								
Cholera Infantum	5	6	1	2	1		1			5													3	2
Cerebro-spinal Meningitis	5	10		1		1				2	1			1		1							3	2
Congestive Fever																								
Diarrhœa	4	5	1	2						3								1					2	2
Dysentery	1	1		1						1													1	
Diphtheria	11	7					2	6		8	3												7	4
Erysipelas	4	4	2							2						1	1						4	
Intermittent Fever																								
Influenza	1	1																1						1
Measles	2	4									1			1									1	1
Purpura																								
Puerperal Fever	1	2													1									1
Pyæmia		1																						
Remittent Fever																								
Rheumatism		2																						
Scarlatina	6					1	1	1		3	2				1								4	2
Small-pox	2					1		1		2													1	1
Syphilis (Congenital)	1	1			1					1														1
Syphilis	2	2												1		1							2	
Septicæmia	4	6									1				1		1	1					1	3
Tonsillitis																								
Typhoid Fever	5	12									1		1		1	2							2	3
Typhus Fever																								
Whooping Cough	5	11	1		1	2	1			5													3	2
Yellow Fever																								
Other Zymotic Diseases	1	2																1					1	
II. CONSTITUTIONAL.																								
Cancer	40	36											1		4	8	8	11	5	3			12	28
Hydrocephalus and Tubero. Meningitis,	18	15	1	1		7	3	1		13	2			1		1		1					13	5
Marasmus, Scrofula & Tabes Mesenterica	20	19	9	5	2	3				19										1			10	10
Phthisis Pulmonalis	88	94			1	1				2			2	32	32	9	4	4	2	1			43	45
Other Constitutional Diseases	31	19			3	2	1	1		7	1	1	2	2	3	2	4	1	3				15	16

of June, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for June, 1899.	Total Mortality for June, 1898.	AGE.																						SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																										
Apoplexy	42	23			1					1				1	2	7	6	8	13	4			21	21
Bright's Disease	7	6															4	1	1	1			2	5
Bronchitis	17	29	1	2	4	3				10								2	4	1			6	11
Heart Disease	60	62	1			1	1			3	1	3	1	3	9	8	11	14	5	2			30	30
Meningitis	28	25	4	2	6	10		3		25	1			1				1					14	14
Nephritis	25	25						2		2	1	1	1	4	3	1	6	2	2	2			12	13
Pleurisy	2															1	1						2	
Pneumonia	76	52	2	2	11	11	3		1	30	3	1		10	10	4	4	5	7	2			41	35
Other Local Diseases	132	98	11	6	10	7	2	2	1	39		2	2	10	17	19	18	10	10	3	2		68	64
IV. DEVELOPMENTAL.																										
Cyanosis		2																								
Inanition	14	12	11	3						14													4	10
Old Age	13	15																1	4	6	2		3	10
Premature Birth	16	15	16							16													10	6
Puerp'l Diseases (not includ'g Puerp'l Fever),	3	4												1	2									3
Other Developmental Diseases	19	20	13	2						15						2		1		1			12	7
V. VIOLENT.																										
Accidental	43	48	1	1		2	4		3	11	1	1	3	10	7	2	3	1	4				31	12
Homicidal	1																1							1
Suicidal	11	8												3	3	3	2						9	2
Other Violent Causes	5	3													1	3		1					1	4
Unknown Causes	2	1	1							1					1									2
Total from all Causes	780	714	76	30	41	52	20	17	5	241	19	9	13	82	105	76	74	69	61	27	4		398	382
Total from Zymotic Diseases	67	83	5	6	3	5	6	8		33	9		1	4	6	6	2	5	1				39	28
Including Tubercular Diseases	220	234																						
Total from Constitutional Diseases	197	183	10	6	6	13	4	2		41	3	1	5	35	44	20	16	17	10	5			93	104
" " Local "	389	320	19	12	32	32	6	7	2	110	6	7	4	29	41	40	50	43	42	15	2		196	193
" " Developmental "	65	68	40	5						45				1	2	2		2	4	7	2		29	36
" " Violent Causes	60	59	1	1		2	4		3	11	1	1	3	13	11	8	6	2	4				41	19

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of June, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING JUNE, 1899.	City.	Quarantine.
Diphtheria	266	....
Measles	313	1
Small-pox	7	....
Scarlatina	66	1
Typhoid Fever	40	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING JUNE, 1898.	City.	Quarantine.
Diphtheria	75	....
Measles	247	....
Small-pox	....	....
Scarlatina	36	2
Typhoid Fever	36	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of June, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.84	76	62	S.W.	.00
2	29.87	73	63	S.W.–W.	.03
3	30.05	70	48	E.	.00
4	30.10	68	44	E.	.00
5	29.92	78	64	S.W.	.00
6	29.86	84	53	W.	.00
7	30.03	65	91	E.	.38
8	29.80	72	65	W.	.24
9	29.91	72	50	W.	.00
10	30.02	66	56	N.	.00
11	30.19	65	42	S.W.	.00
12	30.18	68	70	S.W.	.00
13	30.05	75	74	S.W.	.00
14	29.92	80	76	S.W.	.03
15	29.89	66	98	E.	.21
16	29.90	66	58	N.W.	.25
17	30.13	62	69	E.	.00
18	30.08	65	62	E.	.00
19	29.94	71	66	S.W.–W.	.00
20	29.84	74	78	S.W.	.35
21	29.84	68	55	N.W.	.12
22	30.18	63	50	N.–E.	.00
23	30.24	68	64	S.W.	.00
24	30.10	76	74	S.W.	.04
25	30.05	71	82	S.W.	.08
26	30.06	70	55	N.–W.	.00
27	30.10	68	48	W.	.01
28	29.96	70	74	S.W.	.66
29	29.92	66	66	N.W.	.46
30	30.10	65	36	N.W.	.00
31					
TOTALS	—	—	—	—	2.86
MEANS	30.00	70.0	63.2	S.W.	.095

GENERAL ITEMS.

Mean Barometer, 30.00.
Highest Barometer, 30.29 on the 23rd.
Lowest Barometer, 29.76 on the 8th.
Monthly Range of Barometer, .530.
Mean Temperature, 70.
Highest Temperature, 93 on the 6th.
Lowest Temperature, 52 on the 7th.
Monthly Range of Temperature, 41.
Greatest Daily Range of Temperature, 36, on the 8th.
Least Daily Range of Temperature, 10, on the 3rd.
Mean Daily Range of Temperature, 19.4.
Mean Daily Dew-point, 54.8.
Mean Daily Relative Humidity, 63.2.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 7,551 miles.
Highest Velocity of Wind and Direction, 33, S.W.
Number of Foggy Days, 0. Number of Fair Days, 14.
Number of Clear Days, 11. Number of Cloudy Days, 5.
Total Number of Days on which Rain or Snow fell, 13.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, none.
Date of Lunar Halos, none.
Thunder Storm, 15, 20, 24, 25.
Dates of Frosts, none.
Mean Max. Temp., 79.7. Mean Min. Temp., 60.3.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	66	1871	5.55
1872	68	1872	4.84
1873	68	1873	0.54
1874	66	1874	3.94
1875	67	1875	7.25
1876	68	1876	1.72
1877	67	1877	3.21
1878	64	1878	2.28
1879	64	1879	6.24
1880	67	1880	0.75
1881	61	1881	7.79
1882	66	1882	1.03
1883	69	1883	2.07
1884	66	1884	4.01
1885	66	1885	3.70
1886	63	1886	1.34
1887	64	1887	1.98
1888	67	1888	2.69
1889	68	1889	2.77
1890	64	1890	2.21
1891	65	1891	3.06
1892	70	1892	3.05
1893	65	1893	2.20
1894	69	1894	0.80
1895	67	1895	1.73
1896	66	1896	2.71
1897	62	1897	4.46
1898	66	1898	1.60
1899	70	1899	2.86

•T indicates trace of precipitation. Average mean temperature for 29 years, 66.3. Average monthly precipitation for 29 years, 3.08.

P.R. 775

AUG 29 1899

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of July, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of July, 1899 967
Population estimated at 541,827. Rate per 1,000 inhabitants, 21.42

Total number	967
SEX.	
Males	502
Females	465
CONDITION.	
Married	239
Single	612
Widows	74
Widowers	39
Unknown	3
COLOR.	
White	940
Colored	27

Total deaths	Under 1 year	334
	Under 2 years	393
	Under 5 years	442
Diarrhœal diseases,	Under 1 year	119
	Under 2 years	134
	Under 5 years	139
	All ages	151

NATIVITY.	
United States	677
Ireland	139
England	19
Scotland	8
Germany	22
British America	53
Italy	9
Russia	9
Other Countries	20
Unknown	11
PARENTAGE.	
United States	201
Irish	305
English	15
Scotch	4
German	28
British American	66
Italian	31
Russian	29
Other Countries	85
Mixed	93
Unknown	110
Still-births during the month	41

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for July, 1890.	Total Mortality for July, 1888.	AGE. Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																								
Alcoholism	8	6												4	3	1							5	3
Croup	5			1	1	2			1	5													2	3
Carbuncle																								
Cholera Morbus	3	2			1					1						1			1				2	1
Cholera Infantum	130	73	18	41	53	12	4	1		129	1												62	68
Cerebro-spinal Meningitis	7	6	1			1	1	1		4		1	1	1									5	2
Congestive Fever																								
Diarrhœa	13	6	2	2	2	2				8						1			1	3			9	4
Dysentery	5	5				1				1								3			1		2	3
Diphtheria	21	11				5	2	3	1	11	9			1									9	12
Erysipelas	1	2		1						1													1	
Intermittent Fever																								
Influenza		1																						
Measles	3	4			1	1	1			3													2	1
Purpura																								
Puerperal Fever	3	1												3										3
Pyæmia	2											1								1				2
Remittent Fever																								
Rheumatism	1	2																1						1
Scarlatina	7	2			1		1		2	4	3												5	2
Small-pox	1																1						1	
Syphilis (Congenital)	1	2		1						1														1
Syphilis																								
Septicæmia	5	3			1	1				2				1				2					2	3
Tonsillitis																								
Typhoid Fever	14	10									1	1		2	5	3	1	1					9	5
Typhus Fever																								
Whooping Cough	10	2	2	1	3	3			1	10													5	5
Yellow Fever																								
Other Zymotic Diseases	1																1						1	
II. CONSTITUTIONAL.																								
Cancer	31	28													2	8	10	5	6				10	21
Hydrocephalus and Tuberc. Meningitis,	7	14		1	2	1	1		2	7													5	2
Marasmus, Scrofula & Tabes Mesenterica	23	14	5	6	8	1	1			21									1	1			12	11
Phthisis Pulmonalis	102	111			2	1	1			4		2	9	31	26	13	11	4	2				52	50
Other Constitutional Diseases	22	26	1	1	3		1			6		1		5	2	4		1	3				16	6

of July, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for July, 1899.	Total Mortality for July, 1898.	AGE.																					SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																									
Apoplexy	30	30	1							1				1	2	3	3	12	6		2		15	15
Bright's Disease	7	5									1				2		1	2	1				1	6
Bronchitis	13	20	1	1	1	1				4	1				1		1	1	4	1			5	8
Heart Disease	64	59							1	1	2		3	8	5	3	13	14	12	2	1		36	28
Meningitis	29	33	2	7	8	3	2	1	1	24	2	1		1	1								18	11
Nephritis	23	23		1						1			1	1	4	5	3	3	5				11	12
Pleurisy	1																			1			1	
Pneumonia	39	65	1	1	6	7	3	1		19	1				9	2	3	4	1				21	18
Other Local Diseases	*206	172	21	26	33	15	7		2	104	6	5	3	6	10	16	17	15	14	9	1		102	104
IV. DEVELOPMENTAL.																									
Cyanosis	1		1							1													1	
Inanition	28	13	21	4	1	1	1			28													13	15
Old Age	11	20																1	5	3	2		6	5
Premature Birth	18	13	18							18													10	8
Puerp'l Diseases (not includ'g Puerp'l Fever),	1	1													1									1
Other Developmental Diseases	16	12	11		2			1		14									1	1			9	7
V. VIOLENT.																									
Accidental	42	49		2	1	1	2	1		7	4	1	3	7	6	4	4	1	5				27	15
Homicidal																									
Suicidal	5	8													1	4							4	1
Other Violent Causes	4	2												1	1	1				1			2	2
Unknown Causes	3	15		1				1		2					1								3	
Total from all Causes	967	871	106	98	130	59	28	10	11	442	31	13	20	73	82	69	69	70	68	23	7		502	465
Total from Zymotic Diseases	241	138																							
Including Tubercular Diseases	391	322	23	47	63	28	9	5	5	180	14	3	1	12	8	6	3	7	2	4	1		122	119
Total from Constitutional Diseases	185	193	6	8	15	3	4		2	38		3	9	36	30	25	21	10	12	1			95	90
" " Local "	412	407	26	36	48	26	12	2	4	154	13	6	7	17	34	29	41	51	43	13	4		210	202
" " Developmental "	75	59	51	4	3	1	1	1		61					1			1	6	4	2		39	36
" " Violent Causes	51	59		2	1	1	2	1		7	4	1	3	8	8	9	4	1	5	1			33	18

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of July, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING JULY, 1899.	City.	Quarantine.	CASES REPORTED DURING JULY, 1898.	City.	Quarantine.
Diphtheria	235	....	Diphtheria	86	....
Measles	166	....	Measles	154	....
Small-pox	2	1	Small-pox	....	
Scarlatina	70	....	Scarlatina	50	....
Typhoid Fever	63	....	Typhoid Fever	31	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of July, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.17	68	48	W.	.00
2	30.03	74	58	S.W.	.00
3	30.02	78	66	S.W.	.00
4	30.04	81	62	S.W.	.00
5	29.99	80	76	S.W.	.00
6	29.86	81	72	S.W.	.02
7	29.92	78	65	W.	.00
8	29.89	72	84	S.	.45
9	29.69	73	74	S.W.	.58
10	29.94	70	58	N.W.	*T
11	30.10	76	60	S.W.	.00
12	29.99	75	66	S.W.	.00
13	29.86	72	46	W.	*T
14	29.89	74	51	W.	.00
15	29.94	74	56	E.-S.E.-W.-N.W.	*T
16	29.92	70	82	S.E.	.08
17	29.77	74	71	W.	.00
18	29.77	75	55	N.W.	.01
19	29.82	70	56	W.	.00
20	30.07	63	56	S.E.	.00
21	29.92	74	72	S.W.	.00
22	30.05	68	78	E.	.00
23	30.21	63	84	E.	.00
24	30.25	64	76	E.	.00
25	30.13	62	90	E.	.13
26	29.81	74	84	S.W.	.99
27	29.77	80	70	W.	.22
28	29.96	71	62	N.W.	.00
29	29.98	74	68	S.	.00
30	29.75	72	68	W.	.04
31	29.90	68	52	N.W.	.00
TOTALS.....	—	—	—	—	2.52
MEANS.....	29.818	72.6	67.0	S.W.	.081

GENERAL ITEMS.

Mean Barometer, 29.818.
Highest Barometer, 30.251 on the 24th.
Lowest Barometer, 29.687 on the 9th.
Monthly Range of Barometer, .564.
Mean Temperature, 72.6.
Highest Temperature, 94 on the 4th.
Lowest Temperature, 55 on the 1st.
Monthly Range of Temperature, 39.
Greatest Daily Range of Temperature, 27, on the 3d.
Least Daily Range of Temperature, 6, on the 23d.
Mean Daily Range of Temperature, 18.1.
Mean Daily Dew-point, 59.7.
Mean Daily Relative Humidity, 67.0.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 8,187 miles.
Highest Velocity of Wind and Direction, 34, S.W.
Number of Foggy Days, 0. Number of Fair Days, 8.
Number of Clear Days, 18. Number of Cloudy Days, 5.
Total Number of Days on which Rain or Snow fell, 12.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, none.
Dates of Lunar Halos, none.
Thunder Storm, 6, 8, 21, 27.
Dates of Frosts, none.
Mean Max. Temp., 81.7. Mean Min. Temp., 63.6.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches	
1871	71	1871	3.24
1872	75	1872	4.00
1873	73	1873	3.84
1874	73	1874	3.47
1875	71	1875	3.93
1876	74	1876	5.86
1877	70	1877	2.17
1878	74	1878	4.58
1879	70	1879	3.09
1880	70	1880	6.86
1881	68	1881	2.96
1882	72	1882	3.91
1883	71	1883	2.73
1884	68	1884	4.25
1885	71	1885	1.44
1886	74	1886	1.81
1887	73	1887	3.59
1888	68	1888	1.79
1889	69	1889	5.80
1890	74	1890	1.53
1891	69	1891	3.73
1892	73	1892	2.56
1893	71	1893	1.72
1894	74	1894	3.09
1895	69	1895	2.98
1896	72	1896	2.90
1897	72	1897	4.22
1898	72	1898	4.42
1899	73	1899	2.52

*T indicates trace of precipitation. Average mean temperature for 29 years, 71. Average monthly precipitation for 29 years, 3.45.

SEP 13 1899
BOSTON PUBLIC LIBRARY

HEALTH DEPARTMENT,

OLD COURT HOUSE, BOSTON.

LIST OF INFECTIOUS DISEASES REPORTED

September 15, 1899.

P 2975

Diphtheria.

Edith Whitty, 113 Tudor St.,Rox.
Florence Whittemore,149 Meridian St.,E.B.
Mary McKenna, 4 Princeton St.,C.D.
Wm. Power,534 Medford St.,C.D.
Herbert Dodson, 217 Gold St.,S.B.
*Chas.Coogan,26 Hulbert St.,Rox.
*Daniel F.Logue,5 Baker St.,J.P.
Edward Croak,106 W.Lenox St.,City
Joseph Feeney,112 Gold St.,S.B.
Alice Murphy,461 Medford St.,C.D.
Alice Shea, 702 E. 5th St.,S.B.
*Deborah Murphy,33 Whittier St.Rox.
*Annie Logue, 5 Baker St.,J.P.

Scarlet Fever.

Sam Louit, 43 Irving St.,City.
*Lena Rosenberg,9 Oneida St.City.
*Margaret J. Anderson, 7 Hart Pl.,off Eighth St.,S.B.(rear of L St.)
James Day, 32 Carson St.,Dor.
*Walter Miller, 26 Maywood St.Rox.

Measles.

*Clara Mahoney,St.Mary's Inf.Asylum,Dor.
*Jas.Mahoney,St.Mary's Inf.Asylum. Dor.

*Gone to Hospital.

975

OCT 10 1899

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of August, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of August, 1899 957
Population estimated at 541,827. Rate per 1,000 inhabitants, 21.19

Total number	957

SEX.

Males	505
Females	452

CONDITION.

Married	229
Single	600
Widows	89
Widowers	37
Unknown	2

COLOR.

White	927
Colored	30

Total deaths	Under 1 year	337
	Under 2 years	390
	Under 5 years	424
Diarrhœal diseases,	Under 1 year	95
	Under 2 years	107
	Under 5 years	109
	All ages	134

NATIVITY.

United States	675
Ireland	138
England	16
Scotland	9
Germany	15
British America	53
Italy	11
Russia	11
Other Countries	20
Unknown	9

PARENTAGE.

United States	212
Irish	282
English	20
Scotch	6
German	21
British American	69
Italian	30
Russian	27
Other Countries	91
Mixed	90
Unknown	109

Still-births during the month 43

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for August, 1899.	Total Mortality for August, 1898.	AGE.																								SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																												
Alcoholism	4	3													2		2						3	1
Croup																								
Carbuncle																								
Cholera Morbus	8	9												1	1	1		2	2	1			2	6
Cholera Infantum	91	225	17	23	38	11	1			90	1												52	39
Cerebro-spinal Meningitis	3	3			1		1			2	1												3	
Congestive Fever																								
Diarrhœa	24	42	6	6	4	1				17				2				1	3	1			14	10
Dysentery	11	10	1				1			2	1					1	1	1	4	1			4	7
Diphtheria	20	9		1		4	4	5		14	5	1											10	10
Erysipelas		1																						
Intermittent Fever																								
Influenza																								
Measles	1	2					1			1													1	
Purpura																								
Puerperal Fever																								
Pyæmia	1						1			1														1
Remittent Fever																								
Rheumatism		1																						
Scarlatina	3	4							1	1	2												1	2
Small-pox	1														1								1	
Syphilis (Congenital)	2	3	2							2													1	1
Syphilis		2																						
Septicæmia	6	7			1					1	1			2	1		1						1	5
Tonsillitis	1		1							1														1
Typhoid Fever	19	21			1					1		2	1	4	6	4	1						12	7
Typhus Fever																								
Whooping Cough	13	8	3	1	5	2	2			13													6	7
Yellow Fever																								
Other Zymotic Diseases		3																						
II. CONSTITUTIONAL.																								
Cancer	27	36												1	2	7	6	4	6	1			12	15
Hydrocephalus and Tuberc. Meningitis,	11	12	1	1	3	6				11													7	4
Marasmus, Scrofula & Tabes Mesenterica	57	41	20	18	11	5		1		55				1					1				30	27
Pethisis Pulmonalis	89	81			2	2				4		1	5	32	27	11	5	4					49	40
Other Constitutional Diseases	26	24	1							1	3		3	3	5	1	2	4	4				11	15

of August, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for August, 1899.	Total Mortality for August, 1898.	AGE.																						SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																										
Apoplexy	37	21	1							1					1	6	6	11	9	3			20	17
Bright's Disease	8	9													1	2	2	2	1				8	
Bronchitis	16	24	1	2	3	1	1	1		9	1					1		2	1	2			6	10
Heart Disease	57	82				1	1			2			1	3	7	7	7	11	14	4	1		30	27
Meningitis	18	34	1	4	5	2		1	1	14				1	2		1						8	10
Nephritis	16	24			1					1			1		2	3	4	3	1	1			9	7
Pleurisy	1	3															1						1	
Pneumonia	46	47	4	2	6	9	5		1	27			1	2	6	4	3	2			1		23	23
Other Local Diseases	220	245	34	27	28	8	3			100	5	4	4	7	16	11	18	27	22	5		1	108	112
IV. DEVELOPMENTAL.																								
Cyanosis		2																						
Inanition	24	23	21	2						23				1									11	13
Old Age	14	14																1	4	7	2		3	11
Premature Birth	9	29	8		1					9													3	6
Puerp'l Diseases (not includ'g Puerp'l Fever),	5	2												1	3	1								5
Other Developmental Diseases	16	23	13		1	1				15								1					8	8
V. VIOLENT.																								
Accidental	38	51	2	1	1			1	1	6	4	1	4	6	8	5	1	3					35	3
Homicidal	2	2													1		1						1	1
Suicidal	7	6												1	2		1	2	1				7	
Other Violent Causes	1	1																	1				1	
Unknown Causes	4	6													1		2			1			3	1
Total from all Causes	957	1195	137	88	112	53	21	9	4	424	24	9	20	68	95	65	65	81	74	27	4	1	505	452
Total from Zymotic Diseases Including Tubercular Diseases	208 544	353 482	30	31	50	18	11	5	1	146	11	3	1	9	11	6	5	4	9	3			111	97
Total from Constitutional Diseases	210	194	22	19	16	13		1		71	3	1	8	37	34	19	13	12	11	1			109	101
" " Local "	419	489	41	35	43	21	10	2	2	154	6	4	7	13	35	34	42	58	48	15	2	1	213	206
" " Developmental "	68	93	42	2	2	1				47				2	3	1		2	4	7	2		25	43
" " Violent Causes	48	60	2	1	1			1	1	6	4	1	4	7	11	5	3	5	2				44	4

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of August, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING AUGUST, 1899.	City.	Quarantine.
Diphtheria	211	....
Measles	29	....
Small-pox	5	....
Scarlatina	74	....
Typhoid Fever	115	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING AUGUST, 1898.	City.	Quarantine.
Diphtheria	89	....
Measles	67	....
Small-pox	....	....
Scarlatina	42	....
Typhoid Fever	74	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of August, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.06	73	52	W.	.00
2	30.01	76	70	W.	.00
3	29.92	68	88	E.	.00
4	29.89	70	81	E.	.00
5	29.79	78	70	W.	.10
6	29.82	75	51	E.	.00
7	29.87	68	51	N.W.	.00
8	29.91	66	42	N.W.	.00
9	30.00	64	53	S.E.	.00
10	29.98	64	82	S.E.	.90
11	29.95	62	94	E.	.06
12	29.93	64	96	E.	.02
13	29.83	78	78	S.W.	.00
14	30.06	68	53	N.	.00
15	30.20	62	62	N.	.00
16	30.12	69	53	W.	.00
17	30.10	70	54	W.	.00
18	30.06	74	75	S.W.	.00
19	29.90	81	84	S.W.	.00
20	29.81	76	82	E.-S.E.	.00
21	29.87	68	90	E.	.00
22	29.89	66	96	E.	1.41
23	29.96	66	94	N.E.	.01
24	30.01	64	98	N.E.	*T
25	30.04	66	88	E.	.02
26	30.15	65	75	E.	.00
27	30.23	62	72	N.-N.E.	*T
28	30.26	64	79	N.E.	*T
29	30.33	64	93	E.	*T
30	30.29	67	86	E.	*T
31	30.18	73	85	S.W.	.00
TOTALS.....	—	—	—	—	2.52
MEANS.....	30.013	68.8	.75	E.	.081

GENERAL ITEMS.

Mean Barometer, 30.013.
Highest Barometer, 30.332 on the 29th.
Lowest Barometer, 29.764 on the 5th.
Monthly Range of Barometer, .568.
Mean Temperature, 68.8.
Highest Temperature, 90 on the 19th.
Lowest Temperature, 53 on the 9th.
Monthly Range of Temperature, 37.
Greatest Daily Range of Temperature, 26, on the 31st.
Least Daily Range of Temperature, 3, on the 11th, 24th.
Mean Daily Range of Temperature, 14.7.
Mean Daily Dew-point, 58.8.
Mean Daily Relative Humidity, 75.0.
Prevailing Direction of Wind, E.
Total Movement of Wind, 6,064 miles.
Highest Velocity of Wind and Direction, 32, E.
Number of Foggy Days, 0. Number of Fair Days, 10.
Number of Clear Days, 9. Number of Cloudy Days, 12.
Total Number of Days on which Rain or Snow fell, 12.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 1, 19.
Dates of Lunar Halos, none.
Thunder Storm, 22. Dates of Frosts, none.
Mean Max. Temp., 76.1. Mean Min. Temp., 61.4.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	72	1871	3.08
1872	72	1872	10.68
1873	69	1873	6.21
1874	68	1874	6.67
1875	71	1875	3.50
1876	70	1876	1.23
1877	71	1877	4.49
1878	68	1878	7.66
1879	68	1879	6.71
1880	69	1880	2.90
1881	70	1881	1.23
1882	70	1882	1.46
1883	68	1883	0.39
1884	68	1884	5.01
1885	67	1885	7.64
1886	68	1886	3.64
1887	67	1887	3.05
1888	71	1888	6.53
1889	67	1889	3.95
1890	69	1890	2.70
1891	70	1891	3.87
1892	70	1892	4.87
1893	70	1893	6.46
1894	68	1894	3.03
1895	71	1895	3.24
1896	71	1896	2.15
1897	70	1897	3.95
1898	73	1898	6.38
1899	69	1899	2.52

*T indicates trace of precipitation. Average mean temperature for 29 years, 70. Average monthly precipitation for 29 years, 4.32.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of September, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of September, 1899 876
Population estimated at 541,827. Rate per 1,000 inhabitants, 19.40

Total number	876
SEX.	
Males	447
Females	429
CONDITION.	
Married	266
Single	489
Widows	88
Widowers	27
Unknown	6
COLOR.	
White	852
Colored	24
Total deaths — Under 1 year	228
Total deaths — Under 2 years	284
Total deaths — Under 5 years	326
Diarrhœal diseases, Under 1 year	36
Diarrhœal diseases, Under 2 years	41
Diarrhœal diseases, Under 5 years	42
Diarrhœal diseases, All ages	57

NATIVITY.	
United States	597
Ireland	146
England	16
Scotland	8
Germany	8
British America	49
Italy	8
Russia	14
Other Countries	19
Unknown	11
PARENTAGE.	
United States	190
Irish	284
English	18
Scotch	13
German	21
British American	50
Italian	35
Russian	36
Other Countries	53
Mixed	80
Unknown	96
Still-births during the month	35

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for September, 1899.	Total Mortality for September, 1898.	AGE.																					SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																									
Alcoholism	8	2												2	5	1							5	3
Croup	3	1			1		1	1		3													3	
Carbuncle																								
Cholera Morbus	5	3												1		1	2	1					2	3
Cholera Infantum	35	108	6	7	16	5	1			35													22	13
Cerebro-spinal Meningitis	5	5			1	1			1	3	1			1									3	2
Congestive Fever																								
Diarrhœa	12	29		5	2					7				1			3	1					2	10
Dysentery	5	13											1		1		3						1	4
Diphtheria	26	12				7	3	5	3	18	7	1											11	15
Erysipelas	2			1						1				1									1	1
Intermittent Fever																								
Influenza		1																						
Measles																								
Purpura																								
Puerperal Fever	1													1										1
Pyæmia	4		1							1				1		2								4
Remittent Fever																								
Rheumatism	2	2														1	1							2
Scarlatina	4	1				1	1	1		3	1												2	2
Small-pox																								
Syphilis (Congenital)																								
Syphilis		1																						
Septicæmia	3	9												1	1		1							3
Tonsillitis																								
Typhoid Fever	32	36					1			1		2	4	11	9	4	1						20	12
Typhus Fever																								
Whooping Cough	9	9	1	2	4	2				9													3	6
Yellow Fever																								
Other Zymotic Diseases	1	11													1								1	
II. CONSTITUTIONAL.																								
Cancer	28	31													2	8	5	6	6		1		10	18
Hydrocephalus and Tubere. Meningitis,	13	10	2		5	2	1	1		11			1			1							6	7
Marasmus, Scrofula & Tabes Mesenterica	49	52	13	8	17	7		2		47							1		1				30	19
Phthisis Pulmonalis	72	97											8	26	25	6	3	1	2	1			39	33
Other Constitutional Diseases	25	40		2	1				1	4			2	10	1	3	1	2	1	1			13	12

of September, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for September, 1899.	Total Mortality for September, 1898.	AGE.																						SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																										
Apoplexy	32	18				1				1			1		2	2	10	8	5	3			19	13
Bright's Disease	5	13													1	1			2	1			2	3
Bronchitis	18	24	2		4	2	1			9	1			1	1			4	1	1			7	11
Heart Disease	75	62	3	1				1		5	2	1		4	9	8	15	16	11	4			30	45
Meningitis	23	20	1	3	2	3	4	1		14	4				1	3		1					14	9
Nephritis	26	23		1			1			2			1	1	2	3	10	4	3				15	11
Pleurisy	1														1								1	
Pneumonia	54	28	1	2	12	13	4	1		33		1			3	6	2	7	1	1			22	32
Other Local Diseases	169	195	14	20	14	10	3	1	1	63	5	1	4	7	19	24	19	8	11	7	1		86	83
IV. DEVELOPMENTAL.																										
Cyanosis		3																								
Inanition	15	22	11		1					12				1			1			1			7	8
Old Age	15	17																	5	9	1		5	10
Premature Birth	28	17	28							28													20	8
Puerp'l Diseases (not includ'g Puerp'l Fever),	3	2												2	1									3
Other Developmental Diseases	14	24	9		3					12								1	1				4	10
V. VIOLENT.																										
Accidental	36	37				2		1		3	2		1	7	12	5	2	3		1			28	8
Homicidal	1														1								1	
Suicidal	10	4												4	2	1	2	1					9	1
Other Violent Causes	3	2														1	1		1				2	1
Unknown Causes	4	1	1							1						1	1	1					1	3
Total from all Causes	876	985	93	52	83	56	21	15	6	326	23	6	22	79	99	83	80	72	53	30	3		447	429
Total from Zymotic Diseases Including Tubercular Diseases	157 283	245 397	8	15	24	16	7	7	4	81	9	3	4	16	16	10	7	9	2				76	81
Total from Constitutional Diseases	187	230	15	10	23	9	1	3	1	62			11	36	28	18	10	9	10	2	1		98	89
" " Local "	403	383	21	27	32	29	13	4	1	127	12	3	6	13	39	47	56	48	34	17	1		196	207
" " Developmental "	75	85	48		4					52				3	1		1	1	6	10	1		36	39
" " Violent Causes	50	43				2		1		3	2		1	11	15	7	5	4	1	1			40	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of September, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING SEPTEMBER, 1899.	City.	Quarantine.	CASES REPORTED DURING SEPTEMBER, 1898.	City.	Quarantine.
Diphtheria	256	1	Diphtheria	101	....
Measles	13	....	Measles	39	....
Small-pox	....	....	Small-pox	....	....
Scarlatina	84	....	Scarlatina	55	....
Typhoid Fever	133	....	Typhoid Fever	93	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of September, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.12	70	93	N.E.-S.W.	.00
2	30.15	64	93	N.E.	.36
3	29.85	69	90	S.W.	*T
4	29.97	64	70	N.	.04
5	30.05	62	75	S.W.	*T
6	29.96	64	60	N.W.	.00
7	30.13	62	56	S.W.-N.W.	.00
8	29.85	70	74	S.W.	*T
9	30.03	62	76	E.	*T
10	30.30	58	71	E.	.00
11	30.04	58	82	E.	*T
12	29.70	60	92	N.	.24
13	29.84	64	64	W.	.00
14	30.14	54	59	W.	.00
15	30.33	54	48	W.-N.W.	.00
16	30.46	52	67	E.	.00
17	30.27	64	67	S.W.	.00
18	30.12	68	79	S.W.	.00
19	30.05	72	82	S.W.	.00
20	29.77	65	90	N.W.	2.82
21	29.87	64	88	W.	.21
22	30.05	62	74	S.W.-W.	.00
23	30.32	54	66	N.	.00
24	30.32	58	73	S.	.00
25	30.06	64	96	S.E.	.00
26	29.76	64	94	E.	.16
27	29.97	58	76	S.W.	.00
28	30.23	58	70	S.W.	.00
29	30.10	63	82	S.	*T
30	30.04	59	69	W.	1.26
31					
TOTALS.....	—	—	—	—	5.09
MEANS.....	30.062	61.8	75.8	S.W.	.169

GENERAL ITEMS.

Mean Barometer, 30.062.
Highest Barometer, 30.483 on the 16th.
Lowest Barometer, 29.665 on the 12th.
Monthly Range of Barometer, .818.
Mean Temperature, 61.8.
Highest Temperature, 82 on the 19th.
Lowest Temperature, 44 on the 15th.
Monthly Range of Temperature, 38.
Greatest Daily Range of Temperature, 25, on the 17th.
Least Daily Range of Temperature, 4, on the 2d.
Mean Daily Range of Temperature, 16.4.
Mean Daily Dew-point, 52.9.
Mean Daily Relative Humidity, 75.8.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 7,453 miles.
Highest Velocity of Wind and Direction, 34, N.E.
Number of Foggy Days, 1. Number of Fair Days, 8.
Number of Clear Days, 11. Number of Cloudy Days, 11.
Total Number of Days on which Rain or Snow fell, 13.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, none.
Dates of Lunar Halos, none.
Thunder Storm, 3rd. Dates of Frosts, none.
Mean Max. Temp., 70.2. Mean Min. Temp., 53.7.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	59	1871	1.30
1872	64	1872	6.04
1873	62	1873	2.91
1874	64	1874	2.05
1875	59	1875	3.12
1876	59	1876	3.84
1877	64	1877	3.60
1878	63	1878	3.47
1879	61	1879	1.84
1880	64	1880	2.36
1881	66	1881	2.50
1882	63	1882	10.33
1883	59	1883	1.50
1884	66	1884	0.31
1885	60	1885	1.70
1886	63	1886	2.73
1887	60	1887	0.97
1888	60	1888	6.77
1889	63	1889	3.19
1890	63	1890	5.04
1891	67	1891	2.29
1892	62	1892	1.90
1893	60	1893	1.59
1894	65	1894	2.14
1895	66	1895	1.53
1896	62	1896	6.40
1897	63	1897	2.38
1898	66	1898	1.93
1899	92	1899	5.07

*T indicates trace of precipitation. Average mean temperature for 29 years, 63. Average monthly precipitation for 29 years, 3.15.

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HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of October, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of October, 1899 841
Population estimated at 541,827. Rate per 1,000 inhabitants, 18.63

Total number	841
SEX.	
Males	410
Females	431
CONDITION.	
Married	254
Single	443
Widows	102
Widowers	31
Unknown	11
COLOR.	
White	818
Colored	23

Total deaths	Under 1 year	164
	Under 2 years	193
	Under 5 years	240

Diarrhœal diseases,	Under 1 year	7
	Under 2 years	10
	Under 5 years	10
	All ages	14

NATIVITY.	
United States	509
Ireland	180
England	22
Scotland	11
Germany	9
British America	50
Italy	12
Russia	14
Other Countries	25
Unknown	9
PARENTAGE.	
United States	169
Irish	309
English	22
Scotch	10
German	19
British American	54
Italian	20
Russian	30
Other Countries	69
Mixed	48
Unknown	91
Still-births during the month	37

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for October, 1899.	Total Mortality for October, 1898.	AGE.																				SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																								
Alcoholism	7	6												1	2	4							6	1
Croup	2	1						1		1	1												1	1
Carbuncle																								
Cholera Morbus		1																						
Cholera Infantum	9	20	1	3	2	3				9													6	3
Cerebro-spinal Meningitis	6	3	2			1		1		4			1	1									4	2
Congestive Fever																								
Diarrhœa	2	6	1						1									1					2	
Dysentery	3	4																2	1					3
Diphtheria	32	9			1	2	7	6	7	23	8	1											16	16
Erysipelas		1																						
Intermittent Fever		1																						
Influenza																								
Measles		1																						
Purpura		1																						
Puerperal Fever																								
Pyæmia																								
Remittent Fever																								
Rheumatism	1	1																1						1
Scarlatina	2	7				1	1			2													1	1
Small-pox																								
Syphilis (Congenital)		2																						
Syphilis	1													1										1
Septicæmia	5	4				1				1				1	1	2							3	2
Tonsillitis																								
Typhoid Fever	25	33										1	2	8	8	2	2	1	1				15	10
Typhus Fever																								
Whooping Cough	4	7	2		1			1		4													1	3
Yellow Fever																								
Other Zymotic Diseases	2	3												1				1					2	
II. CONSTITUTIONAL.																								
Cancer	38	32													3	9	9	10	6	1			10	28
Hydrocephalus and Tuberc. Meningitis,	15	11	1	3	4	3		1		12				1		1	1						10	5
Marasmus, Scrofula & Tabes Mesenterica	35	43	11	7	8	2				28				2			2		2	1			15	20
Phthisis Pulmonalis	104	102	2		4		1			7		1	4	32	26	19	8	3	2	2			49	55
Other Constitutional Diseases	22	35					1			1	1		1	4	4	4	2	2	3				10	12

of October, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for October, 1899.	Total Mortality for October, 1898.	AGE.																						SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																										
Apoplexy	33	29													2	3	8	8	6	6			13	20
Bright's Disease	7	2														3	3	1					4	3
Bronchitis	29	20	4	3	7	1	1		1	17		1				1		4	3	3			14	15
Heart Disease	74	66	1				1		1	3	1		2	11	7	8	17	13	9	3			32	42
Meningitis	18	24	1	4	2	2	1			10	2	1	1	2	2								9	9
Nephritis	22	23									1	1		1	7	4	2	3	2	1			11	11
Pleurisy	3	3															1		2					3
Pneumonia	82	104	5	6	10	6	2	2	1	32	2			5	8	8	6	9	5	5	2		39	43
Other Local Diseases	121	158	13	6	11	7		2	2	41	3	1	3	9	7	11	12	14	11	8	1		63	58
IV. DEVELOPMENTAL.																										
Cyanosis																										
Inanition	8	23	5	1			1			7									1				5	3
Old Age	19	21																1	7	9	2		6	13
Premature Birth	17	16	17							17													7	10
Puerp'l Diseases (not includ'g Puerp'l Fever),	9	1												2	4	3								9
Other Developmental Diseases	14	19	12	1						13									1				9	5
V. VIOLENT.																										
Accidental	44	37	1				3	1	1	6	2	1	2	6	7	7	9	3	1				33	11
Homicidal	2														1	1								2
Suicidal	9	6												3	3	2		1					7	2
Other Violent Causes	5	6													3	1			1				1	4
Unknown Causes	10	4	1							1	1		1	1	4	1	1						6	4
Total from all Causes	841	896	80	34	50	29	19	15	13	240	22	8	17	92	99	94	83	73	68	40	5		410	431
Total from Zymotic Diseases	101	111	6	3	4	8	8	9	7	45	9	2	3	13	11	8	2	1	6	1			57	44
Including Tubercular Diseases	252	277																						
Total from Constitutional Diseases	214	223	14	10	16	5	2	1		48	1	1	5	39	33	33	22	15	13	4			94	120
" " Local "	389	429	24	19	30	16	5	4	5	103	9	4	6	28	33	38	49	52	38	26	3		185	204
" " Developmental "	67	80	34	2			1			37				2	4	3		1	9	9	2		27	40
" " Violent Causes	60	49	1				3	1	1	6	2	1	2	9	14	11	9	4	2				41	19

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of October, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING OCTOBER, 1899.	City.	Quarantine.	CASES REPORTED DURING OCTOBER, 1898.	City.	Quarantine.
Diphtheria	324	....	Diphtheria	152	....
Measles	22	....	Measles	30	....
Small-pox	....	....	Small-pox	....	....
Scarlatina	121	....	Scarlatina	119	....
Typhoid Fever	156	....	Typhoid Fever	101	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of October, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.37	46	62	N.W.	.00
2	30.46	40	64	N.W.	*T
3	30.40	44	56	N.W.	.00
4	30.28	50	54	W.	.00
5	30.12	62	66	W.	.00
6	29.86	54	91	N.	.67
7	30.09	52	71	N.	.02
8	30.22	48	81	E.	.00
9	30.06	52	96	N.E.	.55
10	30.25	55	87	E.	.00
11	30.27	56	91	S.W.	.00
12	30.18	64	84	W.	.00
13	30.28	60	90	E.	.00
14	30.30	64	90	S.W.	.00
15	30.29	64	86	E.	.00
16	30.39	56	90	E.	.00
17	30.16	57	89	S.E.-S.	.00
18	29.89	66	93	S.	.40
19	30.09	64	62	N.W.	.00
20	30.23	46	76	N.	.09
21	30.41	40	60	N.W.	.00
22	30.45	44	50	N.W.	.00
23	30.37	48	80	W.	.03
24	30.49	50	82	E.	.00
25	30.36	62	82	S.W.	.00
26	30.16	65	62	W.	.00
27	30.20	56	88	N.E.	*T
28	30.11	56	96	E.	.01
29	29.91	62	84	S.W.	.16
30	30.24	54	74	N.	.00
31	30.09	52	86	N.E.	.47
TOTALS.....	—	—	—	—	2.40
MEANS.....	30.22	54.5	78.0	N.W.	0.77

GENERAL ITEMS.

Mean Barometer, 30.22.
Highest Barometer, 30.50 on the 22d.
Lowest Barometer, 29.71 on the 6th.
Monthly Range of Barometer, 0.79.
Mean Temperature, 54.5.
Highest Temperature, 77 on the 14th.
Lowest Temperature, 34 on the 22d.
Monthly Range of Temperature, 43.
Greatest Daily Range of Temperature, 29, on the 4th.
Least Daily Range of Temperature, 4, on the 9th.
Mean Daily Range of Temperature, 14.5.
Mean Daily Dew-point, 45.8.
Mean Daily Relative Humidity, 78.0.
Prevailing Direction of Wind, N.W.
Total Movement of Wind, 6,807 miles.
Highest Velocity of Wind and Direction, 32, N.E.
Number of Foggy Days, 3. Number of Fair Days, 6.
Number of Clear Days, 9. Number of Cloudy Days, 16.
Total Number of Days on which Rain or Snow fell, 11.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 8th and 30th.
Dates of Lunar Halos, none.
Thunder Storm, none. Dates of Frosts, 1st and 3rd.
Mean Max. Temp., 61.7. Mean Min. Temp., 47.3.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	54	1871	5.88
1872	52	1872	4.85
1873	53	1873	5.33
1874	53	1874	1.39
1875	40	1875	4.99
1876	48	1876	1.66
1877	51	1877	8.84
1878	55	1878	6.76
1879	56	1879	0.91
1880	51	1880	3.15
1881	53	1881	2.84
1882	55	1882	2.29
1883	47	1883	6.40
1884	52	1884	3.17
1885	51	1885	5.71
1886	52	1886	3.27
1887	51	1887	2.53
1888	49	1888	3.58
1889	48	1889	3.31
1890	51	1890	5.63
1891	52	1891	5.56
1892	53	1892	2.31
1893	55	1893	2.94
1894	54	1894	5.11
1895	50	1895	6.19
1896	50	1896	3.15
1897	54	1897	0.41
1898	54	1898	7.17
1899	54	1899	2.40

*T indicates trace of precipitation. Average mean temperature for 29 years, 52. Average monthly precipitation for 29 years, 4.06.

975

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of November, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of November, 1899 874
Population estimated at 541,827. Rate per 1,000 inhabitants, 19.35

Total number	874

SEX.

Males	457
Females	417

CONDITION.

Married	264
Single	462
Widows	107
Widowers	35
Unknown	6

COLOR.

White	849
Colored	25

Total deaths of children,	Under 1 year	179
	Under 2 years	222
	Under 5 years	263

Diarrhœal diseases,	Under 1 year	3
	Under 2 years	4
	Under 5 years	4
	All ages	6

NATIVITY.

United States	556
Ireland	162
England	19
Scotland	4
Germany	16
British America	75
Italy	10
Russia	9
Other Countries	11
Unknown	12

PARENTAGE.

United States	207
Irish	282
English	18
Scotch	13
German	24
British American	61
Italian	25
Russian	19
Other Countries	67
Mixed	76
Unknown	82

Still-births during the month	56

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for November, 1869.	Total Mortality for November, 1868.	AGE.																					SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
I. ZYMOTICS.																									
Alcoholism	3	6												1		1	1							2	1
Croup	4	2				1	1	1		3		1												2	2
Carbuncle	2															1			1					2	
Cholera Morbus																									
Cholera Infantum	4		2	1		1				4														4	
Cerebro-spinal Meningitis	6	4		1		1			1	3		1		1		1								5	1
Congestive Fever																									
Diarrhœa	2	3															1	1							2
Dysentery		3																							
Diphtheria	35	23	1		3	3	3	7	6	23	12													13	22
Erysipelas	2	3	1							1						1								1	1
Intermittent Fever																									
Influenza																									
Measles	3	4				2	1			3														2	1
Purpura		1																							
Puerperal Fever	1													1											1
Pyæmia	1																			1				1	
Remittent Fever																									
Rheumatism																									
Scarlatina	3	4					1	1		2	1													2	1
Small-pox																									
Syphilis (Congenital)	3	1	2	1						3														2	1
Syphilis	1															1								1	
Septicæmia	5	4									1			1	1	1	1							3	2
Tonsillitis																									
Typhoid Fever	18	19									1	3	3	7	4									11	7
Typhus Fever																									
Whooping Cough	3	3	1		2					3														2	1
Yellow Fever																									
Other Zymotic Diseases																									
II. CONSTITUTIONAL.																									
Cancer	43	36	1							1					3	8	9	12	8	2				10	33
Hydrocephalus and Tuberc. Meningitis	14	11	2		4	4	1		1	12			1		1									9	5
Marasmus, Scrofula & Tabes Mesenterica	25	18	11	3	6	2				22						1		1	1					11	14
Phthisis Pulmonalis	84	100				1				1	2	3	7	22	26	13	4	1	3	2				46	38
Other Constitutional Diseases	19	30				1				1	1	1	2	2	5	3	2	2						11	8

of November, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for November, 1899.	Total Mortality for November, 1898.	AGE.																				SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																								
Apoplexy	26	44	1							1				1	1	1	7	10	5				13	13
Bright's Disease	8	10													1	4	1	1	1				4	4
Bronchitis	43	34	14	4	2		1	1		22					1	2	5	4	6	3			21	22
Heart Disease	103	78	1		1	1				3	1	2	2	7	11	11	17	29	9	9	2		42	61
Meningitis	19	16	2	3	4	2	2	2	1	16			1			1	1						13	6
Nephritis	24	29			2					2				2	2	1	8	6	3				18	6
Pleurisy	3	1				1				1						1			1				2	1
Pneumonia	122	121	13	10	8	19	4	1	1	56	2			6	12	9	14	9	12	2			70	52
Other Local Diseases	104	140	9	6	3	2	1		2	23	1	3	3	12	13	14	14	9	7	5			44	60
IV. DEVELOPMENTAL.																								
Cyanosis	2		2							2													1	1
Inanition	11	25	8	1		1				10		1											7	4
Old Age	14	13															1	3	5	4	1		3	11
Premature Birth	26	12	25	1						26													19	7
Puerp'l Diseases (not includ'g Puerp'l Fever),	3	2												1	1	1								
Other Developmental Diseases	19	16	17							17									2				9	10
V. VIOLENT.																								
Accidental	45	40						1		1	2	1	1	10	11	7	4	4	3	1			36	9
Homicidal	3	1											1		1				1				3	
Suicidal	11	7												2	3	3	2	1					10	1
Other Violent Causes	2	3												1		1								2
Unknown Causes	5	7				1				1	1			1	1	1							2	3
Total from all Causes	874	874	113	31	35	43	15	14	12	263	25	16	21	78	98	88	92	93	68	29	3		457	417
Total from Zymotic Diseases	96	80																						
Including Tubercular Diseases	224	221	7	3	5	8	6	9	7	45	15	5	3	11	5	6	3	1	1	1			53	43
Total from Constitutional Diseases	185	195	14	3	10	8	1		1	37	3	4	10	24	35	25	15	16	12	4			87	98
" " Local "	452	473	40	23	20	25	8	4	4	124	4	5	6	28	41	44	67	68	44	19	2		227	225
" " Developmental "	75	68	52	2		1				55		1		1	1	1	1	3	7	4	1		39	36
" " Violent Causes	61	51						1		1	2	1	2	13	15	11	6	5	4	1			49	12

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of November, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING NOVEMBER, 1899.	City.	Quarantine.
Diphtheria	327	....
Measles	103	....
Small-pox	....	....
Scarlatina	162	....
Typhoid Fever	70	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING NOVEMBER, 1898.	City.	Quarantine.
Diphtheria	216	....
Measles	302	....
Small-pox	....	....
Scarlatina	103	....
Typhoid Fever	54	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of November, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.56	56	92	N.	.70
2	30.17	40	75	N.W.	*T
3	30.39	40	73	E.	.00
4	29.91	50	84	W.	.74
5	30.01	46	70	W.	.00
6	30.23	43	72	N.W.	.00
7	30.36	46	69	W.	.00
8	30.28	49	68	W.	.00
9	29.95	52	74	W.	.00
10	29.79	51	67	W.	.00
11	29.89	40	80	N.	.44
12	29.97	32	84	N.W.	.51
13	30.26	33	66	N.W.	.00
14	30.32	34	72	N.W.	.00
15	30.07	40	94	S.E.	.01
16	30.25	43	80	N.	*T
17	30.50	34	82	N.E.	.00
18	30.21	40	82	S.-S.W.	.00
19	29.83	51	88	S.W.	.09
20	29.85	44	76	N.W.	.00
21	29.95	39	73	N.W.	.00
22	29.78	44	66	W.	.02
23	29.86	42	68	N.	.00
24	30.04	40	59	N.W.	.00
25	29.97	34	68	N.W.	.00
26	29.95	37	58	N.W.	.00
27	29.91	37	62	W.	.00
28	29.80	42	67	S.W.	.00
29	29.71	44	74	W.	.00
30	29.82	42	77	W.	*T
31					
TOTALS.....	—	—	—	—	2.51
MEANS.....	30.029	42.0	74.0	N.W.	.083

GENERAL ITEMS.

Mean Barometer, 30.029.
Highest Barometer, 30.534 on the 17th.
Lowest Barometer, 29.486 on the 1st.
Monthly Range of Barometer, 1.048.
Mean Temperature, 42.0.
Highest Temperature, 66 on the 1st.
Lowest Temperature, 25 on the 13th.
Monthly Range of Temperature, 41.
Greatest Daily Range of Temperature, 23, on the 7th.
Least Daily Range of Temperature, 6, on the 19th.
Mean Daily Range of Temperature, 13.9.
Mean Daily Dew-point, 33.2.
Mean Daily Relative Humidity, 74.0.
Prevailing Direction of Wind, N.W.
Total Movement of Wind, 7,384 miles.
Highest Velocity of Wind and Direction, 34, N.W.
Number of Foggy Days, 1. Number of Fair Days, 7.
Number of Clear Days, 10. Number of Cloudy Days, 13.
Total Number of Days on which Rain or Snow fell, 10.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 14th
Dates of Lunar Halos, none.
Thunder Storm, none. Dates of Frosts,
Mean Max. Temp., 49.0. Mean Min. Temp., 35.1.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	37	1871	6.42
1872	40	1872	3.66
1873	33	1873	8.34
1874	41	1874	2.85
1875	34	1875	5.47
1876	40	1876	11.03
1877	43	1877	9.62
1878	40	1878	8.94
1879	39	1879	2.97
1880	37	1880	2.30
1881	42	1881	3.73
1882	38	1882	1.20
1883	42	1883	2.08
1884	41	1884	3.03
1885	44	1885	5.78
1886	43	1886	3.59
1887	42	1887	2.22
1888	45	1888	4.97
1889	45	1889	4.91
1890	42	1890	0.97
1891	41	1891	2.35
1892	41	1892	4.45
1893	42	1893	1.83
1894	38	1894	3.10
1895	45	1895	8.07
1896	46	1896	3.70
1897	41	1897	6.19
1898	42	1898	5.32
1899	42	1899	2.51

*T indicates trace of precipitation. Average mean temperature for 29 years, 41. Average monthly precipitation for 29 years, 4.54.

SUMMARY OF DEATHS IN BOSTON,

With Principal Causes for the year 1899, compared with those of 1898.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M.D., Chairman.

	1899.	1898.		1899.	1898.
Total No. of deaths from all causes	11,167	10,886	Influenza	49	29
Population (estimated)	555,057	541,827	Intermittent fever	1	1
Annual death rate per 1,000 inhabitants	20.12	20.09	Measles	33	27
Total No. from zymotic diseases	1,444	1,470	Purpura	3	7
Percentage of deaths from zymotic diseases to total mortality	12.93	13.50	Puerperal fever	11	8
Total No. of still-births	539	613	Pyæmia	12	7
Total deaths of children under 1 year	2,404	2,572	Remittent fever	—	1
" " " " 2 years	3,034	3,154	Rheumatism	17	20
" " " " 5 years	3,591	3,577	Scarlatina	74	33
Percentage of deaths under 5 years to total mortality	32.15	32.86	Small-pox	5	—
Total No. of deaths from diarrhœal diseases, under 5 years	329	523	Syphilis (congenital)	22	18
Total No. of deaths from diarrhœal diseases, all ages	396	599	Syphilis	5	9
Percentage of deaths from diarrhœal diseases to total mortality	3.54	5.50	Septicæmia	61	62
Alcoholism	68	57	Tonsillitis	1	—
Croup	27	15	Typhoid fever	165	185
Carbuncle	2	4	Typhus fever	—	—
Cholera morbus	16	15	Whooping cough	76	68
Cholera infantum	280	441	Yellow fever	—	—
Cerebro spinal meningitis	88	97	Other zymotic diseases	9	23
Diarrhœa	69	102	Cancer	402	412
Dysentery	31	41	Phthisis pulmonalis	1,236	1,241
Diphtheria	277	170	Bright's disease	118	113
Erysipelas	42	30	Bronchitis	393	380
			Heart disease	966	934
			Pneumonia	1,455	1,169
			Old age	212	223
			Violent deaths	620	616

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of December, 1899,

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of December, 1899 1,033
Population estimated at 541,827. Rate per 1,000 inhabitants, 22.88

Total number	1033

SEX.

Males	523
Females	510

CONDITION.

Married	337
Single	512
Widows	115
Widowers	59
Unknown	10

COLOR.

White	1,006
Colored	27

Total deaths of children,	Under 1 year	199
	Under 2 years	256
	Under 5 years	314

Diarrhœal diseases,	Under 1 year	0
	Under 2 years	1
	Under 5 years	1
	All ages	2

NATIVITY.

United States	668
Ireland	192
England	28
Scotland	9
Germany	12
British America	58
Italy	11
Russia	9
Other Countries	27
Unknown	19

PARENTAGE.

United States	228
Irish	353
English	26
Scotch	7
German	19
British American	55
Italian	39
Russian	38
Other Countries	68
Mixed	85
Unknown	115

Still-births during the month	39

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for December, 1899.	Total Mortality for December, 1898.	AGE. Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																								
Alcoholism	4	2												1	1			2					3	1
Croup	3	2				2	1			3													2	1
Carbuncle		1																						
Cholera Morbus																								
Cholera Infantum																								
Cerebro-spinal Meningitis	5	7					1			1		2	1			1							1	4
Congestive Fever																								
Diarrhœa	1	3				1				1													1	
Dysentery	1	2																	1					1
Diphtheria	39	19	1		1	8	9	2	3	24	12	2		1									16	23
Erysipelas	4	2													1		2			1			3	1
Intermittent Fever	1				1					1														1
Influenza		9																						
Measles		1																						
Purpura		1																						
Puerperal Fever	1	2												1										1
Pyæmia																								
Remittent Fever		1																						
Rheumatism	3	1												1		1			1				2	1
Scarlatina	20	1				3	6	4	3	16	3				1								6	14
Small-pox																								
Syphilis (Congenital)	2	2	2							2													2	
Syphilis	1													1										1
Septicæmia	5	8			1					1			1			2	1						2	3
Tonsillitis																								
Typhoid Fever	10	15											1	3	5	1							5	5
Typhus Fever																								
Whooping Cough	1	3			1					1														1
Yellow Fever																								
Other Zymotic Diseases		1																						
II. CONSTITUTIONAL.																								
Cancer	35	24												1	1	9	11	5	7	1			10	25
Hydrocephalus and Tuberc. Meningitis,	12	8	2		2	4	1			9	1		1			1							7	5
Marasmus, Scrofula & Tabes Mesenterica	24	10	8	5	6	3		1		23										1			14	10
Phthisis Pulmonalis	102	115			1	1				2			10	27	21	23	14	4	1				54	48
Other Constitutional Diseases	20	26				3				3	1		1	3	5	4		2	1				7	13

of December, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for December, 1899.	Total Mortality for December, 1898.	AGE.																					SEX.	
			Under 3 months.	3 months and under 6 months.	6 months and under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	100 years and over.	Males.	Females.
III. LOCAL.																									
Apoplexy	51	35	1					1		2					3	6	10	16	9	5			30	21
Bright's Disease	14	12													1	4	4	2	3				5	9
Bronchitis	50	47	13	7	4	2	3	1		30		1	1	1	1	5	1	3	2	4	1		26	24
Heart Disease	101	80	2			1				3		1		9	16	21	15	23	8	5			52	49
Meningitis	16	27	3	1	3	3		1	1	12	1		1		1		1						7	9
Nephritis	25	18	2							2			1	3	3	2	7	5	1	1			15	10
Pleurisy	2	3															1		1				1	1
Pneumonia	178	162	18	13	18	16	6	5	2	78	3			9	12	14	17	22	17	3	3		93	85
Other Local Diseases	158	146	14	5	4	8	2	4		37	2		4	17	15	15	20	20	20	8			74	84
IV. DEVELOPMENTAL.																									
Cyanosis																									
Inanition	14	20	12	1	1					14													8	6
Old Age	18	24															1	1	9	5	2		8	10
Premature Birth	14	16	14							14													8	6
Puerp'l Diseases (not includ'g Puerp'l Fever),	2	4													2									2
Other Developmental Diseases	26	17	23							23							1	1	1				11	15
V. VIOLENT.																									
Accidental	52	44	5			1				6	2		1	8	13	7	7	5	3				41	11
Homicidal	1	2												1									1	
Suicidal	5	11												4				1					1	4
Other Violent Causes	1	1		1						1														1
Unknown Causes	11	9	1	1	1	1	1			5				2	1	2		1					7	4
Total from all Causes	1033	954	121	34	44	57	30	19	9	314	25	6	23	93	103	118	113	113	85	34	6		523	510
Total from Zymotic Diseases	101	83	3		4	14	17	6	6	50	15	4	3	8	8	5	3	2	2	1			43	58
Including Tubercular Diseases	238	258																						
Total from Constitutional Diseases	193	193	10	5	9	11	1	1		37	2		12	31	27	37	25	11	9	2			92	101
" " Local "	595	530	53	26	29	30	11	12	3	164	6	2	7	39	52	67	76	91	61	26	4		303	292
" " Developmental "	74	81	49	1	1					51					2		2	2	10	5	2		35	39
" " Violent Causes	59	58	5	1		1				7	2		1	13	13	7	7	6	3				43	16

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of December, 1899, and for the corresponding month in 1898.

CASES REPORTED DURING DECEMBER, 1899.	City.	Quarantine.
Diphtheria	321	....
Measles	205	....
Small-pox	4	....
Scarlatina	206	....
Typhoid Fever	54	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING DECEMBER, 1898.	City.	Quarantine.
Diphtheria	217	....
Measles	514	....
Small-pox	....	....
Scarlatina	87	....
Typhoid Fever	42	....
Typhus Fever	....	....
Yellow Fever	....	...

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of December, 1899, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.84	44	92	S.E.-N.W.	.00
2	29.60	49	67	W.	.01
3	29.72	46	64	W.	.00
4	29.52	42	73	W.	*T
5	29.95	32	52	W.	*T
6	30.09	33	67	N.W.	.00
7	30.43	30	69	S.	.00
8	30.02	38	63	S.W.-N.W.	*T
9	30.35	28	56	N.W.	.00
10	30.44	32	72	N.W.	.00
11	30.25	51	80	S.W.	*T
12	29.91	60	76	S.	.10
13	29.96	50	66	S.W.	.00
14	30.31	38	58	S.E.	.00
15	30.00	41	74	W.	.88
16	30.60	26	58	N.W.	.00
17	30.66	32	74	S.E.	.00
18	30.49	41	90	S.W.	*T
19	30.14	51	80	S.W.	.27
20	30.35	38	64	W.	*T
21	30.36	41	72	S.	.00
22	30.38	42	82	S.E.	*T
23	30.22	38	76	E.	.00
24	29.52	40	80	E.	.24
25	29.49	38	63	S.W.	.02
26	29.79	25	62	W.	.00
27	30.13	25	61	W.	.00
28	30.10	25	67	N.-N.W.	.00
29	29.79	22	66	N.W.	.00
30	29.64	15	61	W.	.00
31	29.87	12	49	W.	.00
TOTALS.....	—	—	—	—	1.52
MEANS.....	30.062	36.2	68.8	W.	.049

GENERAL ITEMS.

Mean Barometer, 30.062.
Highest Barometer, 30.72 on the 17th.
Lowest Barometer, 29.225 on the 24th.
Monthly Range of Barometer, 1.495.
Mean Temperature, 36.2.
Highest Temperature, 66 on the 12th.
Lowest Temperature, 5 on the 31st.
Monthly Range of Temperature, 61.
Greatest Daily Range of Temperature, 28, on the 15th.
Least Daily Range of Temperature, 6, on the 18th.
Mean Daily Range of Temperature, 14.3.
Mean Daily Dew-point, 25.8.
Mean Daily Relative Humidity, 68.8.
Prevailing Direction of Wind, W.
Total Movement of Wind, 8,422 miles.
Highest Velocity of Wind and Direction, 42, S.
Number of Foggy Days, 4. Number of Fair Days, 7.
Number of Clear Days, 14. Number of Cloudy Days, 10.
Total Number of Days on which Rain or Snow fell, 13.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 16, 17.
Dates of Lunar Halos, 13, 16.
Thunder Storm, none. Dates of Frosts,
Mean Max. Temp., 43.4. Mean Min. Temp., 29.1.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	28	1871	3.38
1872	24	1872	3.29
1873	31	1873	5.64
1874	31	1874	2.14
1875	20	1875	0.75
1876	22	1876	3.71
1877	35	1877	1.32
1878	30	1878	6.76
1879	32	1879	5.36
1880	26	1880	3.42
1881	38	1881	3.80
1882	30	1882	2.65
1883	29	1883	3.71
1884	33	1884	4.46
1885	33	1885	2.09
1886	29	1886	3.66
1887	32	1887	2.71
1888	36	1888	4.38
1889	38	1889	1.83
1890	26	1890	3.92
1891	40	1891	3.58
1892	30	1892	1.12
1893	30	1893	5.16
1894	32	1894	4.28
1895	36	1895	2.45
1896	30	1896	1.70
1897	34	1897	3.92
1898	32	1898	2.19
1899	36	1899	1.52

*T indicates trace of precipitation. Average mean temperature for 29 years, 31. Average monthly precipitation for 29 years, 3.27.

[3—00—70—250.]

STATISTICAL DEPT
AUG 17
BOSTON PUBLIC L

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of January, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of January, 1900 . . . . . 1,001.
Population estimated at 555,057. Rate per 1,000 inhabitants, 21.64.

Total number	1,001

SEX.

Males	484
Females	517

CONDITION.

Single	503
Married	312
Widowed	177
Divorced	4
Unknown	5

COLOR.

White	974
Black (Negro or mixed)	23
Indian	—
Chinese	3
Japanese	1

Total deaths of children,	Under 1 year	152
	Under 2 years	195
	Under 5 years	268

Diarrhœal diseases,	Under 1 year	8
	Under 2 years	8
	Under 5 years	9
	All ages	11

NATIVITY.

United States	625
Ireland	200
England	14
Scotland	12
Germany	15
British America	82
Italy	14
Russia	15
Sweden	3
Other Countries	14
Unknown	7

PARENTAGE.

United States	221
Irish	360
English	20
Scotch	16
German	30
British American	80
Italian	36
Russian	25
Swedish	3
Other Countries	47
Mixed	73
One parent unknown	28
Unknown	62

Still-births during the month	51

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for year ... 190	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	12									2	2	1	2	1	2	1	1									6	6
2. Typhus																											
3. Scurvy																											
4. Small-pox																											
5. Measles	9	4	3	1	1		9																			6	3
6. Scarlet fever	26		4	5	4	4	17	7		1		1														9	17
7. Whooping-cough	5	2	2			1	5																			3	2
8. Diphtheria and croup	54	4	14	16	3	2	39	11	1	1		1	1													25	29
9. Influenza	12	1	1		1		3				1							1		2		3		1	1	2	10
10. Miliary Fever																											
11. Asiatic Cholera																											
a. Cholera morbus																											
12. Cholera nostras																											
13. Other epidemic diseases:																											
a. Yellow fever																											
b. Mumps																											
c. Others																											
14. Pyæmia and septicæmia	10									1		1	2	2		1	2	1								1	9
15. Glanders and farcy																											
16. Anthrax																											
17. Rabies																											
*																											
19. Intermittent fever	1														1											1	
20. Malarial cachexia																											
*																											
22. Tuberculosis: *a.* Of the lungs	119	1		1			2	1	2	8	15	21	20	13	14	14	3	4		2						66	53
b. Of the meninges	10	4	1		1	1	7	1		1			1													7	3
c. Of the peritoneum																											
d. Of the skin																											
e. Of other organs	3														2					1						3	
f. General	18	2				1	3	2		3	2		1	1		1		3	1		1					9	9
23. Scrofula	1	1					1																			1	
24. Syphilis	1												1														1
a. Congenital	2	2					2																			2	
25. Cancer: *a.* Of the mouth	3													1				2								3	
b. Of the stomach	8											1						1	2	2	1	1				4	4
c. Of the intestines	3																			2	1					1	2
Of the rectum	7													1	1	1	1		1	1	1					3	4
d. Of the female genital organs	4											1		1	1	1											4
e. Of the breast	4																1	1		2							4
f. Of the skin																											
g. Others	15												1	1		3	4	2	1	2	1					7	8
26. Rheumatism and gout	10				1		1	1	1		1				1					3			1	1		6	4
*																											
28. Diabetes	6												1	1				1	2			1				3	3

*Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for Year, 1890	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and upwards.	Males.	Females.
I. General Diseases. — *Concluded.*																											
29. Exophthalmic goitre																											
30. Addison's disease																											
31. Leukemia	1								1																		1
32. Anemia, chlorosis	2	1					1													1						2	
33. Other general diseases																											
34. Alcoholism (acute or chronic)	14										1	4	1	2	2	1	2	1								9	5
35. Lead poisoning	1																		1							1	
36. Other chronic poisonings of occupations	1																					1					1
37. Other chronic poisonings																											
Total from general diseases	362	22	25	23	11	9	90	23	5	17	22	31	31	24	24	23	14	17	8	17	6	6	1	2	1	180	182
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis	2															1					1					1	1
39. Simple meningitis	26	5	5	6			16	1			1	1		1	1	3	1		1							16	10
40. Progressive locomotor ataxia	1																	1								1	
41. Progressive muscular atrophy	1																					1				1	
42. Cerebral hemorrhage and congestion	54								1			2	1	1	1	2	7	4	7	5	8	9	4	1	1	20	34
43. Softening of the brain																											
44. Paralysis, without indicated cause																											
45. General paralysis	1																		1							1	
46. Other forms of insanity	3													2				1								3	
47. Epilepsy	1																			1							1
48. Non-puerperal eclampsia																											
49. Convulsions of infants	12	9	1			2	12																			6	6
50. Tetanus	1																				1					1	
51. Chorea																											
52. Other diseases of the nervous system	6	1					1					1	1		1		1	1								2	4
53. Diseases of the eyes																											
54. Diseases of the ears																											
Total of the nervous system, etc.,	108	15	6	6		2	29	1	1		1	4	2	4	3	6	9	7	9	6	10	10	4	1	1	52	56
III. Diseases of the Circulatory System.																											
55. Pericarditis	1														1												1
56. Endocarditis	1									1																	1
57. Organic diseases of the heart	82					1	1	1	2		2	7	5	4	11	2	3	12	8	10	9	2	2		1	35	47
58. Angina pectoris	3															1		1			1					2	1
59. Diseases of the arteries	8																		2	2	2	1	1			5	3
60. Embolism	2																		1				1			1	1
61. Varices, varicose ulcers, hemorrhoids	1														1											1	
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage	2														1					1						1	1
66. Other diseases of the circulatory system,	3														1		1			1						2	1
Total of the circulatory system	103					1	1	1	2	1	2	7	5	4	15	3	4	13	11	13	13	3	4		1	47	56

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June 1900	AGE. Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	SEX. Males.	Females.
IV. Diseases of the Respiratory System.																											
67. Diseases of the nasal fossæ																											
68. Diseases of the larynx and thyroid body,	1							1																			1
69. Acute bronchitis	21	6	1	2	1		10					1		1				2	1	3	1	2	2			9	12
70. Chronic bronchitis	15	5					5		1			1		1		1	3				1		2			8	7
71. Broncho-pneumonia	31	9	4	4		1	18	1				1	1	1		2	3	1				2	1			16	15
72. Pneumonia	96	16	4	3			23	2	2		1	4	6	8	3	4	4	12	7	6	7	3	3	1		54	42
73. Pleurisy	9										1		1		1	1		4	1							4	5
74. Congestion and apoplexy of lungs	3	2					2									1										2	1
75. Gangrene of lungs																											
76. Asthma and pulmonary emphysema	1																			1						1	
77. Other diseases of the respiratory system, (phthisis excepted)																											
Total of the respiratory system	177	38	9	9	1	1	58	4	3		2	6	8	10	4	9	10	19	9	10	9	7	8	1		94	83
V. Diseases of the Digestive System.																											
78. Diseases of the mouth and adnexa	2	1					1						1														2
79. Diseases of the pharynx and esophagus:																											
a. Pharynx																											
b. Esophagus																											
80. Ulcer of stomach	1												1													1	
81. Other diseases of the stomach, (cancer excepted)	5	1					1									2				1	1					3	2
82. Infantile diarrhœa, athrepsia																											
83. Diarrhœa and enteritis	10	7		1			8																	2		3	7
84. Dysentery	1	1					1																			1	
85. Intestinal parasites																											
86. Hernia, intestinal obstructions	8	1					1		1		1	1				2	1			1						4	4
87. Other diseases of the intestines	3											1							1	1						2	1
88. Acute yellow atrophy of liver																											
89. Hydatid tumor of the liver																											
90. Cirrhosis of the liver	4													1					1	1	1					2	2
91. Biliary calculi	1													1													1
92. Other diseases of liver	1													1													1
93. Inflammatory peritonitis, (non-puerperal)	17					1	1	1		4	4	3	3	1												4	13
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),	1	1					1																			1	
95. Iliac abscess																											
Total of the digestive system	54	12		1		1	14	1	1	4	5	5	5	4		4	1		2	4	2			2		21	33
VI. Diseases of the Genito-Urinary System and Adnexa.																											
96. Acute nephritis	26	1		1	1		3	2		1		1	2	2	1		4	1	4	4	1					10	16
97. Brights disease	11				1		1							1	1		3		2	1	2					4	7
98. Perinephritis and periuphritic abscess.																											
99. Renal calculus																											
100. Other diseases of the kidneys and adnexa																											
101. Vesical calculi																											
102. Diseases of the bladder	1																							1		1	
103. Diseases of the urethra																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for ... 190 0	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																											
104. Disease of the prostate																											
105. Disease of the testicle and its envelopes																											
106. Other diseases of the male genital organs																											
107. Abscess of the pelvis																											
108. Periuterine hematocele																											
109. Metritis																											
110. Uterine hemorrhage (non-puerperal)	1															1											1
111. Uterine tumors (non-cancerous)	2															1				1							2
112. Other diseases of the uterus	1																			1							1
113. Ovarian cysts and tumors																											
114. Other diseases of the female genital organs																											
115. Non-puerperal diseases of the breast, (cancer excepted)																											
Total genito-urinary system, etc.,	42	1		1	2		4	2		1		1	2	3	2	2	7	1	8	7	3			1		15	27
VII. Puerperal Condition.																											
116. Accidents of pregnancy	3												2	1													3
117. Puerperal hemorrhage	1										1																1
118. Other accidents of labor																											
119. Puerperal septicemia	2											2															2
120. Puerperal metro-peritonitis																											
121. Puerperal albuminuria and eclampsia,	1										1																1
122. Puerperal phlegmasia alba dolens																											
123. Other accidents of pregnancy																											
124. Puerperal diseases of the breast																											
Total puerperal condition	7										2	2	2	1													7
VIII. Diseases of the Skin and Cellular Tissue.																											
125. Erysipelas	9	2			1		3											1	2	2		1				5	4
126. Gangrene																											
127. Carbuncle																											
128. Phlegmon, acute abscess																											
129. Other diseases of the skin and adnexa, (cancer excepted)	2																	1			1					2	
Total of the skin and tissue cellular,	11	2			1		3											2	2	2	1	1				7	4
IX. Diseases of the Organs of Locomotion.																											
130. Pott's disease									1																		1
131. Cold abscess, symptomatic abscess																											
132. Other diseases of the bones	1		1				1																			1	
133. White swellings																											
134. Other diseases of the joints																											
135. Amputation																											
136. Other diseases of organs of locomotion																											
Total of organs of locomotion	2		1				1		1																	1	1
X. Malformations.																											
137. Malformations	1	1					1																				1
Total malformations	1	1					1																				1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for ... 1900	AGE.																									SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																												
138. Congenital debility, icterus and sclerema	47	47					47																	4		26	21 2
139. Want of care																												
140. Other diseases peculiar to infancy	2	2					2																				2	
Total infantile	49	49					49																	4		26	21 2
XII. Old Age.																												
141. Senile debility	35																1	2	2		3	6	14	7	11	23 2
Total from old age	35																1	2	2		3	6	14	7	11	23 2
XIII. External Violence.																												
142. Suicide: *a.* By poison	2											1		1												2		
b. By asphyxia																												
c. By strangulation	1															1										1		
d. By firearms	1																1									1		
e. By cutting instruments																												
f. By drowning																												
g. By falls																												
h. By crushing																												
i. Others																												
142½. Homicide	1																1									1		
143. Fractures	10				1		1				1	1		1	1		1		1		1	1	1			7	3	
144. Sprains and dislocations																												
145. Other accidental injuries	7												2		1		1		1	1			1			6	1	
146. Burns: *a.* By fire	3		1	1		1	3										1									1	2	
b. By corrosive substances																												
147. Sunstroke and freezing																												
148. Accidental drowning																												
149. Inanition	5	4		1			5																			1	4	
150. Inhalation of noxious gases (suicide excepted)	3	1					1					1					1									2	1	
151. Other accidental poisoning	3	2					2											1								1	2	
152. Other external violence	3								1				1				1									3		
Total from external violence	39	7	1	2	1	1	12		1		1	3	3	2	2	1	5	2	2	1	1	1	2			26	13	
XIV. Ill-defined Diseases.																												
*																												
*																												
*																												
156. Asphyxia, cyanosis	5	5					5																			1	4	
*																												
158. Abdominal tumor																												
159. Other tumors																												
160. "Plaie"	1																1										1	
161. Unknown or not specified diseases	3		1				1						1	1	1			1								3	2	
Total ill-defined diseases	11	5	1				6						1	1	1		1	1								4	7	
Total from all causes,	1,001	152	43	42	16	15	268	32	14	23	35	59	59	53	51	48	51	63	51	62	45	31	25	21	10	484	517	

* Diseases not mentioned in the mortality of Massachusetts.

Comparative Statement of Cases of Contagious Diseases reported to the Board of Health for the month of January, 1900, and for the corresponding month in 1899.

CASES REPORTED DURING JANUARY, 1900.

	City.	Quarantine.
Diphtheria	390	....
Measles	315	....
Small-pox	2	....
Scarlatina	212	...
Typhoid Fever	35	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING JANUARY, 1899.

	City.	Quarantine.
Diphtheria	214	....
Measles	697	....
Small-pox	....	....
Scarlatina	89	....
Typhoid Fever	13	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of January, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	29.50	22	70	W.	.56
2	29.63	22	63	S.W.	.00
3	30.12	16	69	W.	.00
4	30.52	18	69	W.	.00
5	30.31	34	64	S.W.	.00
6	30.38	36	66	W.	.00
7	30.22	33	76	S.W.	.00
8	30.11	28	63	N.W.	.10
9	30.43	19	74	N.W.	.00
10	29.95	34	68	S.W.	.02
11	30.20	24	80	E.	.00
12	29.60	34	82	N.W.	1.65
13	30.08	29	78	N.W.	*T
14	30.04	29	80	N.W.	.04
15	30.30	34	83	N.	.04
16	30.12	41	80	S.	.12
17	30.59	30	60	N.E.	.00
18	30.43	27	74	N.W.	*T
19	30.05	46	86	S.W.	*T
20	29.48	48	93	S.W.	.43
21	29.80	37	67	N.W.	.08
22	30.14	38	56	S.W.	.00
23	29.87	46	59	S.W.	.00
24	30.34	24	56	N.E.	*T
25	29.74	30	88	N.W.	.37
26	29.33	24	62	W.	.05
27	30.02	20	46	W.	*T
28	30.23	30	78	S.	.01
29	29.47	32	75	N.W.	.73
30	29.88	23	70	S.W.	.00
31	29.51	24	78	W.	*T
TOTALS.....	—	—	—	—	4.20
MEANS.....	30.014	30.0	71.8	N.W.	.135

GENERAL ITEMS.

Mean Barometer, 30.014.
Highest Barometer, 30.695 on the 17th.
Lowest Barometer, 29.213 on the 20th.
Monthly Range of Barometer, 1.482.
Mean Temperature, 30.0.
Highest Temperature, 60 on the 19th.
Lowest Temperature, 8 on the 4th.
Monthly Range of Temperature, 52.
Greatest Daily Range of Temperature, 33, on the 29th.
Least Daily Range of Temperature, 8, on the 4th.
Mean Daily Range of Temperature, 18.9.
Mean Daily Dew-point, 21.8.
Mean Daily Relative Humidity, 71.8.
Prevailing Direction of Wind, N.W.
Total Movement of Wind, 9,314 miles.
Highest Velocity of Wind and Direction, 43, W.
Number of Foggy Days, 2. Number of Fair Days, 15.
Number of Clear Days, 7. Number of Cloudy Days, 9.
Total Number of Days on which Rain or Snow fell, 19.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, none.
Dates of Lunar Halos, none.
Thunder Storm, none. Dates of Frosts, none.
Mean Max. Temp., 39.5. Mean Min. Temp., 20.6.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	26	1871	0.92
1872	27	1872	2.11
1873	26	1873	5.76
1874	31	1874	4.32
1875	20	1875	3.68
1876	30	1876	1.87
1877	33	1877	3.33
1878	28	1878	7.60
1879	24	1879	2.79
1880	35	1880	3.72
1881	22	1881	7.21
1882	26	1882	3.68
1883	25	1883	3.59
1884	24	1884	6.27
1885	27	1885	5.33
1886	26	1886	7.08
1887	26	1887	4.86
1888	20	1888	2.26
1889	36	1889	4.11
1890	32	1890	2.00
1891	31	1891	4.39
1892	28	1892	4.62
1893	21	1893	2.56
1894	30	1894	3.01
1895	29	1895	3.79
1896	25	1896	2.25
1897	28	1897	3.16
1898	29	1898	3.50
1899	29	1899	4.19
1900	30	1900	4.20

*T indicates trace of precipitation. Average mean temperature for 30 years, 27. Average monthly precipitation for 30 years, 3.94.

[5—00—70—350.]

STATISTICAL DEPARTMENT
AUG 17 1900
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HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of February, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of February, 1900 . . . . . 933.
Population estimated at 555,057. Rate per 1,000 inhabitants, 20.17.

Total number	933

SEX.

Males	478
Females	455

CONDITION.

Single	473
Married	282
Widowed	170
Divorced	3
Unknown	5

COLOR.

White	911
Black (Negro or mixed)	20
Indian	—
Chinese	2
Japanese	—

Total deaths of children,	Under 1 year	155
	Under 2 years	206
	Under 5 years	277

Diarrhœal diseases,	Under 1 year	5
	Under 2 years	5
	Under 5 years	6
	All ages	7

NATIVITY.

United States	607
Ireland	155
England	27
Scotland	13
Germany	15
British America	57
Italy	11
Russia	15
Sweden	1
Other Countries	17
Unknown	15

PARENTAGE.

United States	233
Irish	284
English	22
Scotch	11
German	21
British American	70
Italian	44
Russian	28
Swedish	9
Other Countries	52
Mixed	60
One parent unknown	44
Unknown	55

Still-births during the month	36

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	9				1		1		1	3	3	1														6	3
2. Typhus																											
3. Scurvy	1																1										1
4. Small-pox																											
5. Measles	4	2	1	1			4																			1	3
6. Scarlet fever	27	2	1	7	5	3	18	8							1											16	11
7. Whooping-cough	10	5	3			2	10																			6	4
8. Diphtheria and croup	43	1	9	12	6	5	33	7	2	1																23	20
9. Influenza	9															1	1				1	1	3	2		4	5
10. Miliary Fever																											
11. Asiatic Cholera																											
a. Cholera morbus																											
12. Cholera nostras																											
13. Other epidemic diseases:	1																1									1	
a. Yellow fever																											
b. Mumps																											
c. Others																											
14. Pyæmia and septicæmia	13	2	2			1	5					2	1	1	2			1		1						4	9
15. Glanders and farcy																											
16. Anthrax																											
17. Rabies																											
*																											
19. Intermittent fever																											
20. Malarial cachexia																											
*																											
22. Tuberculosis: *a.* Of the lungs	106	1					1			10	16	30	10	11	10	8	2	3	2		2	1				48	58
b. Of the meninges	14	1	6	3	1		11			1		2														7	7
c. Of the peritoneum																											
d. Of the skin																											
e. Of other organs	2																	2									2
f. General	10	1					1		1			3	1	2		1				1						4	6
23. Scrofula	2	1	1				2																			2	
24. Syphilis																											
a. Congenital	3	2	1				3																			3	
25. Cancer: *a.* Of the mouth	1																	1									1
b. Of the stomach	3																2				1						3
c. Of the intestines	6																		1	4		1				2	4
Of the rectum																											
d. Of the female genital organs	6														1	1		3	1								6
e. Of the breast	2																		1	1							2
f. Of the skin																											
g. Others	12													2		3		1	1	2	2	1				7	5
26. Rheumatism and gout	9				1	1	2	2					1		1	2				1						4	5
*																											
28. Diabetes	2		1				1							1												2	

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1900.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																													
29. Exophthalmic goitre	2	1					1								1											1	1
30. Addison's disease																													
31. Leukemia	1				1		1																			1	
32. Anemia, chlorosis	5												1	1		1	1			1						3	2
33. Other general diseases																													
34. Alcoholism (acute or chronic)	16									1	1	1	4	7		1		1								13	3
35. Lead poisoning																													
36. Other chronic poisonings of occupations																													
37. Other chronic poisonings																													
Total from general diseases	319	19	25	23	15	12	94	17	4	16	20	39	18	25	16	18	8	12	6	9	7	5	3	2		158	161
II. Diseases of the Nervous System and of the Organs of Sense.																													
38. Encephalitis																													
39. Simple meningitis	31	12	5	1	2		20	3	1				2	1		1	1	1	1							16	15
40. Progressive locomotor ataxia																													
41. Progressive muscular atrophy	1	1					1																			1	
42. Cerebral hemorrhage and congestion	51			1			1	1				2		1	4	2	1	8	7	5	10	1	6	2		20	31
43. Softening of the brain	1																		1							1	
44. Paralysis, without indicated cause	2															1							1				2
45. General paralysis	3																	1	1		1					2	1
46. Other forms of insanity	1																					1					1
47. Epilepsy	3												1	1							1					2	1
48. Non-puerperal eclampsia																													
49. Convulsions of infants	8	7	1				8																			4	4
50. Tetanus	1														1											1	
51. Chorea																													
52. Other diseases of the nervous system	4										1	2									1					1	3
53. Diseases of the eyes																													
54. Diseases of the ears																													
Total of the nervous system, etc.,	106	20	6	2	2		30	4	1		1	4	3	3	5	4	2	10	10	5	13	2	7	2		48	58
III. Diseases of the Circulatory System.																													
55. Pericarditis	1															1											1
56. Endocarditis	8																1			2	4	1				3	5
57. Organic diseases of the heart	72							4			3	2	3	6	2	3	6	9	3	10	9	6	3	2	1	33	39
58. Angina pectoris	3														1			1	1							1	2
59. Diseases of the arteries	3																	1				2				1	2
60. Embolism	4													1	1				1		1					3	1
61. Varices varicose ulcers, hemorrhoids																													
62. Phlebitis and other diseases of the veins,																													
63. Lymphangitis																													
64. Other diseases of the lymphatic system,																													
65. Hemorrhage																													
66. Other diseases of the circulatory system,																													
Total of the circulatory system	91							4			3	2	3	7	4	4	7	11	5	12	14	9	3	2	1	41	50

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1900.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																															
67. Diseases of the nasal fossæ																															
68. Diseases of the larynx and thyroid body,	3	2			1		3																							3	
69. Acute bronchitis	17	3	2	3	1		9							1				1	1	2	1	1		1		10	7
70. Chronic bronchitis	12	1					1										3	2	1	1				2	2	4	8
71. Broncho-pneumonia	40	13	7	1	1		22		1				2	1	2			1	3	4	4					14	26
72. Pneumonia	102	19	9	5	1		34				3	2	1	8	4	7	8	5	5	12	4	3	4	2		52	50
73. Pleurisy	7									2					1	1	1			1	1					3	4
74. Congestion and apoplexy of lungs	3	2					2									1										3	
75. Gangrene of lungs																															
76. Asthma and pulmonary emphysema	1			1			1																								1
77. Other diseases of the respiratory system, (phthisis excepted)	1																	1													1
Total of the respiratory system	186	40	18	10	4		72		1	2	3	2	3	10	7	9	12	10	10	20	10	4	4	5	2	89	97
V. Diseases of the Digestive System.																															
78. Diseases of the mouth and adnexa	1		1				1																			1				
79. Diseases of the pharynx and esophagus:																															
a. Pharynx																															
b. Esophagus																															
80. Ulcer of stomach	3											1	1		1												3				3
81. Other diseases of the stomach, (cancer excepted)	4	1					1							1					1				1			2	2			
82. Infantile diarrhœa, athrepsia																															
83. Diarrhœa and enteritis	7	5				1	6						1													3	4			
84. Dysentery																															
85. Intestinal parasites	1	1					1																			1				
86. Hernia, intestinal obstructions	12	4					4			1	1						1		1	1	1	1			1	9	3			
87. Other diseases of the intestines																															
88. Acute yellow atrophy of liver																															
89. Hydatid tumor of the liver																															
90. Cirrhosis of the liver	3														1	1				1						2	1			
91. Biliary calculi																															
92. Other diseases of liver	2													1	1											1	1			
93. Inflammatory peritonitis, (non-puerperal)	10				1		1	1					3	1	3				1							5	5			
94. Other diseases of the digestive system, (excluding cancer and tuberculosis)																															
95. Iliac abscess																															
Total of the digestive system	43	11	1		1	1	14	1		1	1	1	5	3	6	1	1		3	2	1	1	1		1	24	19			
VI. Diseases of the Genito-Urinary System and Adnexa.																															
96. Acute nephritis	19							1			1	2		1	1	1	1	4	2	3	1	1				12	7			
97. Brights disease	12											1	1	1		3		3	1	2						7	5			
98. Perinephritis and perinephritic abscess																															
99. Renal calculus																															
100. Other diseases of the kidneys and adnexa	2																			1	1					2					
101. Vesical calculi																															
102. Diseases of the bladder	1																								1	1					
103. Diseases of the urethra																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for February, 1900.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																															
104. Disease of the prostate																															
105. Disease of the testicle and its envelopes																															
106. Other diseases of the male genital organs																															
107. Abscess of the pelvis																															
108. Periuterine hematocele																															
109. Metritis																															
110. Uterine hemorrhage (non-puerperal)																															
111. Uterine tumors (non-cancerous)	1															1														1	
112. Other diseases of the uterus	1													1																1	
113. Ovarian cysts and tumors																															
114. Other diseases of the female genital organs																															
115. Non-puerperal diseases of the breast, (cancer excepted)																															
Total genito-urinary system, etc.,	36							1			1	3	1	3	1	4	2	7	3	6	2	1			1		22	14		
VII. Puerperal Condition.																															
116. Accidents of pregnancy																															
117. Puerperal hemorrhage	1													1																1	
118. Other accidents of labor																															
119. Puerperal septicemia																															
120. Puerperal metro-peritonitis																															
121. Puerperal albuminuria and eclampsia,	3									1	2																			3	
122. Puerperal phlegmasia alba dolens																															
123. Other accidents of pregnancy																															
124. Puerperal diseases of the breast																															
Total puerperal condition	4									1	2			1																4	
VIII. Diseases of the Skin and Cellular Tissue.																															
125. Erysipelas	4										1							2				1						3	1		
126. Gangrene	1																					1							1		
127. Carbuncle																															
128. Phlegmon, acute abscess	1																			1									1		
129. Other diseases of the skin and adnexa (cancer excepted)																															
Total of the skin and tissue cellular,	6										1							2		1		2						3	3		
IX. Diseases of the Organs of Locomotion.																															
130. Pott's disease																															
131. Cold abscess, symptomatic abscess																															
132. Other diseases of the bones	1																			1								1			
133. White swellings																															
134. Other diseases of the joints																															
135. Amputation																															
136. Other diseases of organs of locomotion																															
Total of organs of locomotion	1																			1								1			
X. Malformations.																															
137. Malformations	3	3					3																					1	2		
Total malformations	3	3					3																					1	2		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1900.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																															
138. Congenital debility, icterus and sclerema	45	44	1				45																							29	16
139. Want of care																															
140. Other diseases peculiar to infancy	7	7					7																							7	
Total infantile	52	51	1				52																							36	16
XII. Old Age.																															
141. Senile debility	24																		1	4	4	5	6	1	3					11	13
Total from old age	24																		1	4	4	5	6	1	3					11	13
XIII. External Violence.																															
142. Suicide: *a.* By poison																															
b. By asphyxia																															
c. By strangulation	1														1															1	
d. By firearms	2																	1			1									2	
e. By cutting instruments																															
f. By drowning																															
g. By falls																															
h. By crushing																															
i. Others																															
142½. Homicide																															
143. Fractures	7											1	2		1				1			1	1						4	3
144. Sprains and dislocations																															
145. Other accidental injuries	14											4	1	2	1	1	2	1	2											14	
146. Burns: *a.* By fire	3							1										1		1										1	2
b. By corrosive substances	1																				1									1	
147. Sunstroke and freezing	2														1		1													2	
148. Accidental drowning	1													1																1	
149. Inanition																															
150. Inhalation of noxious gases (suicide excepted)	1	1					1																							1	
151. Other accidental poisoning	1																				1									1	
152. Other external violence	3								1				1				1													3	
Total from external violence	35	1					1	1	1			5	4	3	4	1	4	3	3	3	1	1	1							31	5
XIV. Ill-defined Diseases.																															
*																															
*																															
*																															
156. Asphyxia, cyanosis	6	6					6																							5	1
*																															
158. Abdominal tumor	1																					1									1
159. Other tumors																															
160. "Plaie"	11	3					3			2		1	1	2						1				1						4	7
161. Unknown or not specified diseases	8	1			1		2					1	1	1				1	1		1									4	4
Total ill-defined diseases	26	10			1		11			2		2	2	3				1	1	1	1	1		1						13	13
Total from all causes,	633	155	51	35	23	13	277	28	7	22	32	58	39	58	43	41	37	56	42	64	55	39	26	12	8	478	455

* Diseases not mentioned in the mortality of Massachusetts.

Comparative Statement of Cases of Contagious Diseases reported to the Board of Health for the month of February, 1900, and for the corresponding month in 1899.

CASES REPORTED DURING FEBRUARY, 1900.

	City.	Quarantine.
Diphtheria	398	....
Measles	259	....
Small-pox	1	....
Scarlatina	198	...
Typhoid Fever	31	....
Typhus Fever	....	...
Yellow Fever	....	....

CASES REPORTED DURING FEBRUARY, 1899.

	City.	Quarantine.
Diphtheria	202	..
Measles	681	....
Small-pox	1	....
Scarlatina	103	....
Typhoid Fever	12	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of February, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.74	13	60	W.	.00
2	30.04	13	51	W.	.00
3	30.20	20	54	W.	.00
4	29.99	34	72	S.	*T
5	29.51	37	76	N.W.	.75
6	30.06	31	57	W.	*T
7	30.36	31	70	N.W.	.00
8	30.22	36	92	E.	.29
9	30.14	38	90	E.	.38
10	30.38	32	56	N.E.	.00
11	30.29	33	90	N.	*T
12	30.38	37	98	S.E.	.03
13	29.70	48	84	S.E.	1.50
14	30.06	34	50	W.	.00
15	29.91	38	55	S.W.	.00
16	30.05	25	48	W.	.00
17	29.95	24	76	N.E.	.08
18	29.46	20	73	N.W.	.39
19	29.76	21	59	N.W.	.00
20	30.23	28	60	W.-N.W.	.00
21	30.26	35	64	S.	.00
22	29.57	40	96	E.	1.47
23	29.35	36	86	W.	.33
24	29.62	43	75	S.	.00
25	29.07	34	66	S.W.	1.61
26	29.86	13	42	W.	.00
27	30.59	6	44	N.W.	.00
28	30.62	19	60	S.-S.E.	.00
29					
30					
31					
TOTALS.....	—	—	—	—	6.83
MEANS.....	29.976	29.3	68.0	W.	.243

GENERAL ITEMS.

Mean Barometer, 29.976.
Highest Barometer, 30.753 on the 28th.
Lowest Barometer, 28.811 on the 25th.
Monthly Range of Barometer, 1.942.
Mean Temperature, 29.3.
Highest Temperature, 60 on the 13th.
Lowest Temperature, 4 on the 27th.
Monthly Range of Temperature, 64.
Greatest Daily Range of Temperature, 44, on the 25th.
Least Daily Range of Temperature, 6, on the 8th.
Mean Daily Range of Temperature, 15.4.
Mean Daily Dew-point, 19.1.
Mean Daily Relative Humidity, 68.0.
Prevailing Direction of Wind, W.
Total Movement of Wind, 9,761 miles.
Highest Velocity of Wind and Direction, 46, N.W.
Number of Foggy Days, 1. Number of Fair Days, 4.
Number of Clear Days, 9. Number of Cloudy Days, 15.
Total Number of Days on which Rain or Snow fell, 13.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 16th.
Dates of Lunar Halos, 10th, 14th.
Thunder Storm, 25th. Dates of Frosts, none.
Mean Max. Temp., 37.0. Mean Min. Temp., 21.6.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	29	1871	2.63
1872	28	1872	2.31
1873	27	1873	3.21
1874	28	1874	3.41
1875	22	1875	3.74
1876	27	1876	4.54
1877	32	1877	0.45
1878	29	1878	4.40
1879	24	1879	4.35
1880	32	1880	4.11
1881	28	1881	4.89
1882	30	1882	4.77
1883	29	1883	2.74
1884	31	1884	5.74
1885	20	1885	3.00
1886	27	1886	7.04
1887	29	1887	3.69
1888	28	1888	2.36
1889	26	1889	1.54
1890	33	1890	2.29
1891	32	1891	3.66
1892	28	1892	2.15
1893	27	1893	6.22
1894	27	1894	3.15
1895	25	1895	1.11
1896	29	1896	3.94
1897	31	1897	2.12
1898	33	1898	4.81
1899	27	1899	3.03
1900	29	1900	6.83

*T indicates trace of precipitation. Average mean temperature for 30 years, 28. Average monthly precipitation for 30 years, 3.61.

[5—00—70—300.]

STATISTICAL DEPARTMENT
AUG 17 1900

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of March, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of March, 1900 . . . . . 1,434.
Population estimated at 555,057. Rate per 1,000 inhabitants, 31.00.

Total number	1,434
SEX.	
Males	693
Females	741
CONDITION.	
Single	689
Married	431
Widowed	308
Divorced	4
Unknown	2
COLOR.	
White	1,390
Black (Negro or mixed)	41
Indian	—
Chinese	3
Japanese	—
Total deaths of children, Under 1 year	223
Total deaths of children, Under 2 years	295
Total deaths of children, Under 5 years	377
Diarrhœal diseases, Under 1 year	6
Diarrhœal diseases, Under 2 years	6
Diarrhœal diseases, Under 5 years	6
Diarrhœal diseases, All ages	10

NATIVITY.	
United States	893
Ireland	305
England	23
Scotland	9
Germany	29
British America	103
Italy	21
Russia	9
Sweden	5
Other Countries	16
Unknown	21
PARENTAGE.	
United States	370
Irish	446
English	28
Scotch	15
German	38
British American	75
Italian	52
Russian	34
Swedish	8
Other Countries	89
Mixed	91
One parent unknown	60
Unknown	128
Still-births during the month	63

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1901.	AGE.																											SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																														
1. Typhoid Fever	11								2			2	1	1	3			1	1							5	6
2. Typhus																														
3. Scurvy	2			1			1				1																		2	
4. Small-pox																														
5. Measles	16	7	3	4	1		15					1																	9	7
6. Scarlet fever	18	1	6	4	4	1	16	2																					11	7
7. Whooping-cough	13	8	2	1	1	1	13																						5	8
8. Diphtheria and croup	42	6	7	11	4	2	30	9		1				2															19	23
9. Influenza	116	3	2	2	1	1	9	3		1		2	5	5	1	7	7	1	10	13	21	13	10	5	3				26	90
10. Miliary Fever																														
11. Asiatic Cholera																														
a. Cholera morbus																														
12. Cholera nostras																														
13. Other epidemic diseases:																														
a. Yellow fever																														
b. Mumps																														
c. Others																														
14. Pyæmia and septicæmia	16		1				1				1	4	4		1		3		1			1				9	7
15. Glanders and farcy																														
16. Anthrax																														
17. Rabies																														
*																														
19. Intermittent fever																														
20. Malarial cachexia																														
*																														
22. Tuberculosis: *a.* Of the lungs	149	1	4	2	1		8	2	1	11	19	33	16	19	7	9	9	4	2	5	2		1	1		91	58
b. Of the meninges	14	6	1	1	3		11	2	1																	10	4
c. Of the peritoneum	3		1				1	1							1											2	1
d. Of the skin	1									1																1	
e. Of other organs	1							1																		1	
f. General	17	2	1		1	1	5			2		2	2	2		1			1	1	1					7	10
23. Scrofula	2	1		1			2																			1	1
24. Syphilis	1											1															1
a. Congenital	2	2					2																			1	1
25. Cancer: *a.* Of the mouth	1														1											1	
b. Of the stomach	6											1			3		1				1					2	4
c. Of the intestines	5												1	1			1	1				1				4	1
Of the rectum																											
d. Of the female genital organs	4													1		1	2										4
e. Of the breast	3														1		1							1			3
f. Of the skin	1																			1							1
g. Others	11											1				2	1		2	1	2	2				7	4
26. Rheumatism and gout	10				1		1		2		1				1	1	1		2			1				6	4
*																											
28. Diabetes	7									1								1	5							2	5

*Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
29. Exophthalmic goitre	1												1														1
30. Addison's disease																											
31. Leukemia	1															1										1	
32. Anemia, chlorosis	2	1					1						1													1	1
33. Other general diseases																											
34. Alcoholism (acute or chronic)	9													3	2	2		1	1							4	5
35. Lead poisoning																											
36. Other chronic poisonings of occupations																											
37. Other chronic poisonings	3															2				1						1	2
Total from general diseases	488	38	28	27	17	6	116	22	4	17	24	46	31	36	14	27	27	10	26	21	27	18	12	7	3	227	261
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis	1					1	1																			1	
39. Simple meningitis	40	15	7		3	1	26	2	2	1	2	2	1	1		3										24	16
40. Progressive locomotor ataxia	1																			1						1	
41. Progressive muscular atrophy																											
42. Cerebral hemorrhage and congestion	54		1			1	2					1		3	1		6	4	4	10	4	7	6	2	4	25	29
43. Softening of the brain	6							1			1	1	1								1	1				3	3
44. Paralysis, without indicated cause	2																			1	1					1	1
45. General paralysis	2														1						1					1	1
46. Other forms of insanity	1																							1			1
47. Epilepsy	1																					1				1	
48. Non-puerperal eclampsia	1							1																			1
49. Convulsions of infants	6	5	1				6																			2	4
50. Tetanus																											
51. Chorea																											
52. Other diseases of the nervous system	6								1				2			1	2									4	2
53. Diseases of the eyes																											
54. Diseases of the ears	2															1								1		2	
Total of the nervous system, etc.,	123	20	9		3	3	35	4	3	1	3	4	4	4	2	5	8	4	4	10	6	10	8	4	4	65	58
III. Diseases of the Circulatory System.																											
55. Pericarditis	2	1					1																1			2	
56. Endocarditis	14					1	1			1	1		1	1		2		1		2	2	1	1			4	10
57. Organic diseases of the heart	65	2	1		1		4	2			1		4	6	4	6	6	8	6	5	3	5	3	2		34	31
58. Angina pectoris	6									1						2		1		1				1		2	4
59. Diseases of the arteries	12												1	1			1	2		2	4		1			4	8
60. Embolism																											
61. Varices, varicose ulcers, hemorrhoids																											
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage	3	1					1				1														1	1	2
66. Other diseases of the circulatory system,	25												1	1		3	1	4	5	5	2		2	1		14	11
Total of the circulatory system	127	4	1		1	1	7	2		2	3		7	9	4	13	8	16	11	15	11	6	8	4	1	61	66

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1900.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																																
67. Diseases of the nasal fossæ																																
68. Diseases of the larynx and thyroid body,	4			2			2								1	1														2	2
69. Acute bronchitis	48	20	3	2			25	1							1		1	1	2	3	6	3		2	3	23	25
70. Chronic bronchitis	17	1	2				3										2	3	1	5	1		1		1	7	10
71. Broncho-pneumonia	103	17	12	4	4	2	39	1		1	4	2	5	3	2	4	3	6	8	5	8	5	4	1	2	44	59
72. Pneumonia	196	22	13	5	2		42	5	2	2	7	7	14	6	10	11	15	10	9	18	12	13	10	2	1	81	115
73. Pleurisy	9			1			1				3	1		1	1	1							1			5	4
74. Congestion and apoplexy of lungs	6	1					1					1									1	2	1			3	3
75. Gangrene of lungs																																
76. Asthma and pulmonary emphysema	2	1					1											1								1	1
77. Other diseases of the respiratory system, (phthisis excepted)	3	1					1							1				1								1	2
Total of the respiratory system	388	63	32	12	6	2	115	7	2	3	14	11	19	11	15	17	21	22	20	31	28	23	17	5	7	167	221
V. Diseases of the Digestive System.																																
78. Diseases of the mouth and adnexa	1													1																	1	
79. Diseases of the pharynx and esophagus:																																
a. Pharynx																																
b. Esophagus																																
80. Ulcer of stomach	1																						1								1	
81. Other diseases of the stomach, (cancer excepted)	10	1					1			1		1		1			1	1		2			1	1		5	5
82. Infantile diarrhœa, athrepsia	6	6					6																			5	1
83. Diarrhœa and enteritis	3																1			1		1				2	1
84. Dysentery	1																				1					1	
85. Intestinal parasites																																
86. Hernia, intestinal obstructions	13	2					2				1							2	2	3	1	1	1			2	11
87. Other diseases of the intestines	1														1											1	
88. Acute yellow atrophy of liver																																
89. Hydatid tumor of the liver																																
90. Cirrhosis of the liver	9											1		1		1	1	4		1						6	3
91. Biliary calculi																																
92. Other diseases of liver	4										1						2	1								2	2
93. Inflammatory peritonitis, (non-puerperal)	10	1					1			1	1		1	3	1	1			1							6	4
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),																																
95. Iliac abscess	5					1	1			1	2	1														3	2
Total of the digestive system	64	10				1	11			3	5	3	1	6	2	2	5	8	3	7	2	2	3	1		33	31
VI. Diseases of the Genito-Urinary System and Adnexa.																																
96. Acute nephritis	30	1					1				2	2	2	1	1		3	6	2	4	3	2	1			20	10
97. Brights disease	27											5		1			1	5	6	4	3	2				10	17
98. Perinephritis and perinephritic abscess,	1												1														1
99. Renal calculus																																
100. Other diseases of the kidneys and adnexa																																
101. Vesical calculi																																
102. Diseases of the bladder	3									1										1		1				2	1
103. Diseases of the urethra																																

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for March, 1900.	AGE.																																SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																																			
104. Disease of the prostate																																			
105. Disease of the testicle and its envelopes,																																			
106. Other diseases of the male genital organs																																			
107. Abscess of the pelvis																																			
108. Periuterine hematocele																																			
109. Metritis																																			
110. Uterine hemorrhage (non-puerperal)																																			
111. Uterine tumors (non-cancerous)																																			
112. Other diseases of the uterus																																			
113. Ovarian cysts and tumors																																			
114. Other diseases of the female genital organs																																			
115. Non-puerperal diseases of the breast, (cancer excepted)																																			
Total genito-urinary system, etc.,	61	1					1			1	2	7	3	2	1		4	11	8	9	6	5	1			32	29
VII. Puerperal Condition.																																			
116. Accidents of pregnancy	1										1																							1	
117. Puerperal hemorrhage																																			
118. Other accidents of labor																																			
119. Puerperal septicemia	1											1																							1	
120. Puerperal metro-peritonitis																																			
121. Puerperal albuminuria and eclampsia,																																			
122. Puerperal phlegmasia alba dolens																																			
123. Other accidents of pregnancy	2												1	1																					2
124. Puerperal diseases of the breast																																			
Total puerperal condition	4										1	1	1	1																					4
VIII. Diseases of the Skin and Cellular Tissue.																																			
125. Erysipelas	8	1					1						2	1		1	1					1	1			3	5
126. Gangrene																																			
127. Carbuncle	1															1										1	
128. Phlegmon, acute abscess	1	1					1																											1	
129. Other diseases of the skin and adnexa, (cancer excepted)	1															1										1	
Total of the skin and tissue cellular,	11	2					2						2	1		2	2					1	1			5	6
IX. Diseases of the Organs of Locomotion.																																			
130. Pott's disease																																			
131. Cold abscess, symptomatic abscess																																			
132. Other diseases of the bones																																			
133. White swellings																																			
134. Other diseases of the joints																																			
135. Amputation																																			
136. Other diseases of organs of locomotion																																			
Total of organs of locomotion																																			
X. Malformations.																																			
137. Malformations	5	5					5																			2	3
Total malformations	5	5					5																			2	3

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																											
138. Congenital debility, icterus and sclerema	58	57	1				58																			40	18
139. Want of care																											
140. Other diseases peculiar to infancy	12	12					12																			7	5
Total infantile	70	69	1				70																			47	23
XII. Old Age.																											
141. Senile debility	35																	3		5	4	15	4	4	15	20
Total from old age	35																	3		5	4	15	4	4	15	20
XIII. External Violence.																											
142. Suicide: *a.* By poison																											
b. By asphyxia																											
c. By strangulation																											
d. By firearms	5											1	1	2						1						5	
e. By cutting instruments	1											1														1	
f. By drowning																											
g. By falls																											
h. By crushing																											
i. Others																											
142½. Homicide	2	1					1								1											1	1
143. Fractures	9									1			1	1	1	1				3			1			6	3
144. Sprains and dislocations																											
145. Other accidental injuries	12	1			1		2				1		1	2	2	1				3						9	3
146. Burns: *a.* By fire	4		1	1	1		3														1					3	1
b. By corrosive substances																											
147. Sunstroke and freezing																											
148. Accidental drowning	2																	2								2	
149. Inanition	1	1					1																				1
150. Inhalation of noxious gases (suicide excepted)	2												1		1											1	1
151. Other accidental poisoning	2																	1		1						2	
152. Other external violence	3	2					2					1														3	
Total from external violence	43	5	1	1	2		9			1	1	3	4	5	5	2		3		6	3		1			33	10
XIV. Ill-defined Diseases.																											
*																											
*																											
*																											
156. Asphyxia, cyanosis	1	1					1																				1
*																											
158. Abdominal tumor																											
159. Other tumors																											
160. "Plaie"	3															1		1	1							1	2
161. Unknown or not specified diseases	11	5					5						2	2		1		1								5	6
Total ill-defined diseases	15	6					6						2	2		2		2	1							6	9
Total from all causes,	1,434	223	72	40	29	13	377	35	9	28	53	75	74	77	43	70	75	76	76	99	88	69	66	25	19	693	741

* Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobble stone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system). Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families — now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MARCH, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	March, 1900.	March, 1899.	March, 1900.	March, 1899.		March, 1900.	March, 1899.	March, 1900.	March, 1899.
Cholera	—	—	—	—	Measles	210	850	—	—
Chicken-pox	—	—	—	—	Scarlatina	166	96	—	—
Cerebro-spinal Meningitis	4	10	—	—	Small-pox	1	—	—	—
Diphtheria and Croup	329	176	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	—	—	—	—	Typhoid fever	29	15	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,584
Calves "	2,067
Sheep "	534
Hogs "	—
Cattle condemned, 10	4,052 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	1,564 lbs.
Beef	350 "
Mutton	125 "

VEGETABLES.

Asparagus	18 Crates
Spinach	54 bbls.
Kale	32 "
Potatoes	1 "

MARCH, 1900.
BACTERIOLOGICAL LABORATORY.

DIPHTHERIA: EXAMINATION OF CULTURES.

	Positive.	Negative.	No Growth.	Totals.
Primary	155	506	3	664
Secondary	167	396	4	567
Totals	322	902	7	1231

Tuberculosis: examinations of sputum 1; Positive 0; Negative 1.
Typhoid fever: examinations of blood by Widal Test 40; Positive 7; Negative 29; Atypical 4.
Malaria: examinations of stained blood preparations 0; Positive 0; Negative 0; Unsat. 0.
Glanders: guinea pigs inoculated from discharges 5; Positive 1; Negative 4; Unsat. 0.
Other diagnostic examinations 2; Pus 1; Gonorrhea positive 1.
Ice inspections 0; Examinations of water 0; Examinations of ice 0.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of March, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.75	42	98	S.E.	1.56
2	29.42	40	64	W.	.02
3	29.94	30	54	N.W.	.00
4	30.21	36	54	S.W.	.00
5	30.44	29	70	N.E.	.03
6	30.20	28	96	S.E.	.28
7	30.17	36	56	W.	.05
8	30.54	32	62	W.-N.W.	.00
9	30.19	39	71	S.W.	.00
10	29.68	42	68	N.W.	.00
11	29.88	22	38	N.W.	.00
12	30.07	17	34	N.W.	.00
13	30.06	21	64	E.	.00
14	29.88	36	60	N.W.	.00
15	30.06	26	75	N.W.	.06
16	29.46	41	76	W.	2.15
17	30.06	24	51	S.W.	.00
18	30.22	20	54	W.	.00
19	29.90	44	78	S.	*T
20	29.71	45	66	W.	.20
21	29.99	32	58	W.	.00
22	30.09	36	66	S.W.	.00
23	29.90	44	56	W.	*T
24	29.96	32	50	N.W.	.00
25	29.98	32	39	N.W.	.00
26	29.82	37	74	E.	*T
27	29.72	40	75	W.	.24
28	29.80	38	48	N.W.	.00
29	29.96	40	46	N.W.	.00
30	29.95	37	52	E.	.00
31	29.73	36	52	N.	.01
TOTALS.....	—	—	—	—	4.60
MEANS.....	29.960	34.0	61.4	W.	.148

GENERAL ITEMS.

Mean Barometer, 29.960.
Highest Barometer, 30.569 on the 8th.
Lowest Barometer, 29.223 on the 2d.
Monthly Range of Barometer, 1.346.
Mean Temperature, 34.0.
Highest Temperature, 59 on the 19th.
Lowest Temperature, 7 on the 12th.
Monthly Range of Temperature, 52.
Greatest Daily Range of Temperature, 34, on the 16th.
Least Daily Range of Temperature, 7, on the 3d.
Mean Daily Range of Temperature, 18.8.
Mean Daily Dew-point, 20.4.
Mean Daily Relative Humidity, 61.4.
Prevailing Direction of Wind, W.
Total Movement of Wind, 10,001 miles.
Highest Velocity of Wind and Direction, 44, S.
Number of Foggy Days, 0. Number of Fair Days, 6.
Number of Clear Days, 14. Number of Cloudy Days, 11.
Total Number of Days on which Rain or Snow fell, 13.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 19th, 26th.
Dates of Lunar Halos, none.
Thunder Storm, none. Dates of Frosts, none.
Mean Max. Temp., 43.4. Mean Min. Temp., 24.5.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	42	1871	4.55
1872	27	1872	4.05
1873	35	1873	3.76
1874	35	1874	1.60
1875	31	1875	5.04
1876	33	1876	7.19
1877	34	1877	9.79
1878	39	1878	5.91
1879	33	1879	3.90
1880	33	1880	3.25
1881	36	1881	9.86
1882	35	1882	3.35
1883	31	1883	2.33
1884	34	1884	4.86
1885	28	1885	1.15
1886	34	1886	3.20
1887	32	1887	3.86
1888	32	1888	3.32
1889	38	1889	1.19
1890	35	1890	5.88
1891	34	1891	3.94
1892	33	1892	3.91
1893	34	1893	2.80
1894	42	1894	1.01
1895	35	1895	2.72
1896	32	1896	5.41
1897	37	1897	2.79
1898	43	1898	1.82
1899	34	1899	5.95
1900	34	1900	4.60

*T indicates trace of precipitation. Average mean temperature for 30 years, 35. Average monthly precipitation for 30 years, 4.10.

[4—'00—70—350.]

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HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of April, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of April, 1900 . . . . . 1,047.
Population estimated at 555,057. Rate per 1,000 inhabitants, 22.63.

Total number	1,047
SEX.	
Males	552
Females	495
CONDITION.	
Single	562
Married	298
Widowed	177
Divorced	3
Unknown	7
COLOR.	
White	1,020
Black (Negro or mixed)	24
Indian	—
Chinese	3
Japanese	—
Total deaths of children, Under 1 year	173
Total deaths of children, Under 2 years	237
Total deaths of children, Under 5 years	302
Diarrhœal diseases, Under 1 year	7
Diarrhœal diseases, Under 2 years	9
Diarrhœal diseases, Under 5 years	9
Diarrhœal diseases, All ages	13

NATIVITY.	
United States	640
Ireland	218
England	19
Scotland	9
Germany	29
British America	69
Italy	18
Russia	11
Sweden	6
Other Countries	16
Unknown	12
PARENTAGE.	
United States	259
Irish	318
English	24
Scotch	15
German	33
British American	57
Italian	49
Russian	33
Swedish	6
Other Countries	56
Mixed	79
One parent unknown	50
Unknown	68
Still-births during the month	53

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1900.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																
1. Typhoid Fever	7										1	1	3	1	1															5	2
2. Typhus																																
3. Scurvy	1	1					1																							1	
4. Small-pox																																
5. Measles	13	4	3	3	3		13																							7	6
6. Scarlet fever	17	3	2	2	3	4	14	2				1																		9	8
7. Whooping-cough	14	5	7	1	1		14																							10	4
8. Diphtheria and croup	43	5	13	10	4	5	37	5		1																				22	21
9. Influenza	63		2	1	2	1	6				2	2		2		6	3	1	7	8	9	8	6	2	1					24	39
10. Miliary Fever																																
11. Asiatic Cholera																																
a. Cholera morbus																																
12. Cholera nostras	1	1					1																									1
13. Other epidemic diseases:																																
a. Yellow fever																																
b. Mumps																																
c. Others																																
14. Pyæmia and septicæmia	2				1		1									1														2	
15. Glanders and farcy																																
16. Anthrax																																
17. Rabies																																
*																																
19. Intermittent fever	1																		1													1
20. Malarial cachexia																																
*																																
22. Tuberculosis: *a.* Of the lungs	110	4	1				5		1	7	9	22	19	9	10	8	5	4	4	5		2								68	42
b. Of the meninges	13	4	5		2		11	2																						9	4
c. Of the peritoneum	3		1				1						1							1										1	2
d. Of the skin																																
e. Of other organs																																
f. General	15	1	2		1		4	1	2	2	2	1	1	1		1														8	7
23. Scrofula																																
24. Syphilis	2												1	1																2	
a. Congenital																																
25. Cancer: *a.* Of the mouth	3													1					1		1									3	
b. Of the stomach	6														2		1		1		1			1						3	3
c. Of the intestines	4											1						2	1											2	2
Of the rectum																																
d. Of the female genital organs	8														2	2	3		1													8
e. Of the breast	1																		1													1
f. Of the skin	2																		1			1									2
g. Others	8										1		1			2		1	1	2										5	3
26. Rheumatism and gout	7									2	1		1			2					1									4	3
*																																
28. Diabetes	10												2		1	2	1	1		2	1									6	4

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
29. Exophthalmic goitre																											
30. Addison's disease																											
31. Leukemia	3												1				1				1						3
32. Anemia, chlorosis	5											1			1		2	1								2	3
33. Other general diseases	1	1					1																				1
34. Alcoholism (acute or chronic)	9											1	2	3				2		1						7	2
35. Lead poisoning																											
36. Other chronic poisonings of occupations																											
37. Other chronic poisonings	2										1								1							2	
Total from general diseases	374	29	36	17	17	10	109	10	3	13	17	32	30	18	16	24	16	12	20	19	14	11	6	3	1	202	172
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis	1				1		1																			1	
39. Simple meningitis	28	9	6	1	1	1	18	2	1		2			2	1	1					1					17	11
40. Progressive locomotor ataxia	1													1													1
41. Progressive muscular atrophy																											
42. Cerebral hemorrhage and congestion	48	4		1			5					1	1		2	1	1	5	8	6	9	5	3	1		26	22
43. Softening of the brain	2																		1		1					1	1
44. Paralysis, without indicated cause	1																							1			1
45. General paralysis																											
46. Other forms of insanity	2													1					1							1	1
47. Epilepsy	4										1				1	1	1									2	2
48. Non-puerperal eclampsia																											
49. Convulsions of infants	8	5	3				8																			3	5
50. Tetanus	1							1																			1
51. Chorea																											
52. Other diseases of the nervous system	4		1		1		2						1									1				2	2
53. Diseases of the eyes																											
54. Diseases of the ears																											
Total of the nervous system, etc.,	100	18	10	2	3	1	34	3	1		3	1	2	4	4	3	2	5	10	6	11	6	3	2		53	47
III. Diseases of the Circulatory System.																											
55. Pericarditis																											
56. Endocarditis	20	1			1		2	1		1		1		1	1	1	1	5	3		1	2				13	7
57. Organic diseases of the heart	59	3					3	2	2		2	1	1	3	3	7	4	4	5	8	10			3	1	22	37
58. Angina pectoris	2																		1	1						2	
59. Diseases of the arteries	6																1	1	1	1		1		1		4	2
60. Embolism	2													1					1								2
61. Varices, varicose ulcers, hemorrhoids																											
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage	3	2					2							1												1	2
66. Other diseases of the circulatory system,	26								3	1	1		1	2		1	2	4	3	2	4	2				16	10
Total of the circulatory system	118	6			1		7	3	5	2	3	2	2	7	5	9	8	14	14	12	15	4	1	3	2	58	60

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1900.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																															
67. Diseases of the nasal fossæ																															
68. Diseases of the larynx and thyroid body,	1	1					1																							1	
69. Acute bronchitis	25	11	3	1	1		16				1				1			2		1		3	1						10	15
70. Chronic bronchitis	14	5	1				6											1	1	1	2	3							9	5
71. Broncho-pneumonia	69	21	4		1	1	27	1			2	1	1	2	2	4	6	4	3	7	4	2	2	1						34	35
72. Pneumonia	66	7	6	1			14			1	4	3	6	7	2	2	4	2	6	5	4	3	1	1	1					34	32
73. Pleurisy	10		1		1		2	1		2			1				2			1	1									6	4
74. Congestion and apoplexy of lungs	3		1				1				1						1													1	2
75. Gangrene of lungs																															
76. Asthma and pulmonary emphysema	3				1		1	1										1												2	1
77. Other diseases of the respiratory system, (phthisis excepted)																															
Total of the respiratory system	191	45	16	2	4	1	68	3		3	8	4	8	9	5	6	13	10	10	15	11	11	4	2	1	97	94
V. Diseases of the Digestive System.																															
78. Diseases of the mouth and adnexa																															
79. Diseases of the pharynx and esophagus:																															
a. Pharynx																															
b. Esophagus																															
80. Ulcer of stomach	2											1	1																		2
81. Other diseases of the stomach, (cancer excepted)	6	1					1											1	1	1	1		1							2	4
82. Infantile diarrhœa, athrepsia	8	7	1				8																							4	4
83. Diarrhœa and enteritis	4													2							1	1								2	2
84. Dysentery																															
85. Intestinal parasites																															
86. Hernia, intestinal obstructions	9	1					1	1							2	2		2			1									5	4
87. Other diseases of the intestines	2	2					2																							2	
88. Acute yellow atrophy of liver																															
89. Hydatid tumor of the liver																															
90. Cirrhosis of the liver	6												3		1		2													6	
91. Biliary calculi																															
92. Other diseases of liver	2										1				1															1	1
93. Inflammatory peritonitis, (non-puerperal)	14				1	1	2					5	2		2	2		1													1	13
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),																															
95. Iliac abscess	11								3		2	2	1	1		1		1												9	2
Total of the digestive system	64	11	1		1	1	14	1	3		3	8	7	3	6	5	2	5	1	1	3	1	1			32	32
VI. Diseases of the Genito-Urinary System and Adnexa.																															
96. Acute nephritis	23	2			1		3	1			1	2		2	1	2	2	1	1	4	2		1			12	11
97. Brights disease	7									1		1						2	2		1					3	4
98. Perinephritis and perinephritic abscess,																															
99. Renal calculus																															
100. Other diseases of the kidneys and adnexa	1																1									1					
101. Vesical calculi																															
102. Diseases of the bladder	2																			1			1			2					
103. Diseases of the urethra																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for April, 1860.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																															
104. Disease of the prostate	3													1						1		1				3	
105. Disease of the testicle and its envelopes,																															
106. Other diseases of the male genital organs																															
107. Abscess of the pelvis																															
108. Periuterine hematocele																															
109. Metritis																															
110. Uterine hemorrhage (non-puerperal)																															
111. Uterine tumors (non-cancerous)																															
112. Other diseases of the uterus																															
113. Ovarian cysts and tumors	1														1															1	
114. Other diseases of the female genital organs																															
115. Non-puerperal diseases of the breast, (cancer excepted)																															
Total genito-urinary system, etc.,	37	2			1		3	1		1	1	3		3	1	3	3	3	3	5	4		3			21	16
VII. Puerperal Condition.																															
116. Accidents of pregnancy	3											1	1	1																3	
117. Puerperal hemorrhage																															
118. Other accidents of labor																															
119. Puerperal septicemia	2												1	1																2	
120. Puerperal metro-peritonitis																															
121. Puerperal albuminuria and eclampsia,	1										1									1										1	
122. Puerperal phlegmasia alba dolens																															
123. Other accidents of pregnancy	5										2	1	1		1															5	
124. Puerperal diseases of the breast																															
Total puerperal condition	11										3	2	3	2	1					1										11	
VIII. Diseases of the Skin and Cellular Tissue.																															
125. Erysipelas	10	6					6						1		2			1								5	5
126. Gangrene	1															1										1	
127. Carbuncle																															
128. Phlegmon, acute abscess																															
129. Other diseases of the skin and adnexa, (cancer excepted)	3	1					1						1							1						3	
Total of the skin and tissue cellular,	14	7					7						2		2		1	1		1						9	5
IX. Diseases of the Organs of Locomotion.																															
130. Pott's disease																															
131. Cold abscess, symptomatic abscess																															
132. Other diseases of the bones																															
133. White swellings																															
134. Other diseases of the joints																															
135. Amputation																															
136. Other diseases of organs of locomotion																															
Total of organs of locomotion																															
X. Malformations.																															
137. Malformations																															
Total malformations																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1900.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																															
138. Congenital debility, icterus and sclerema	47	46		1			47																							32	15
139. Want of care																															
140. Other diseases peculiar to infancy	1	1					1																								1
Total infantile	48	47		1			48																							32	16
XII. Old Age.																															
141. Senile debility	25																		5	4	4	6	4	2						9	16
Total from old age	25																		5	4	4	6	4	2						9	16
XIII. External Violence.																															
142. Suicide: *a.* By poison	2									1			1																	1	1
b. By asphyxia	2												1					1												1	1
c. By strangulation	1																		1											1	
d. By firearms																															
e. By cutting instruments																															
f. By drowning																															
g. By falls																															
h. By crushing																															
i. Others																															
142½. Homicide																															
143. Fractures	7										1		2	1			1	1	1											4	3
144. Sprains and dislocations																															
145. Other accidental injuries	10				1		1	1		1	1	1	3	1							1									9	1
146. Burns: *a.* By fire	6					1	1							2	1				1	1										2	4
b. By corrosive substances																															
147. Sunstroke and freezing																															
148. Accidental drowning	8										1	1			1	4		1												8	
149. Inanition																															
150. Inhalation of noxious gases (suicide excepted)	3												1		1	1														3	
151. Other accidental poisoning	4	1	1		1		3	1																						2	2
152. Other external violence	2	1					1					1																		1	1
Total from external violence	45	2	1		2	1	6	2		2	3	3	8	4	3	5	1	3	3	1	1									32	13
XIV. Ill-defined Diseases.																															
*																															
*																															
*																															
156. Asphyxia, cyanosis	4	4					4																							3	1
*																															
158. Abdominal tumor																															
159. Other tumors	3												1				2													2	1
160. "Plaie"	8							1			1	1		2				2	1												8
161. Unknown or not specified diseases	5	2					2		1			1			1															2	3
Total ill-defined diseases	20	6					6	1	1		1	2	1	2	1		2	2	1											7	13
Total from all causes,	1,047	173	64	22	29	14	302	24	13	21	42	57	63	52	44	55	48	55	62	65	63	37	24	14	6	552	495

* Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families — now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF APRIL, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	April, 1900.	April, 1899.	April, 1900.	April, 1899.		April, 1900.	April, 1899.	April, 1900.	April, 1899.
Cholera	—	—	—	—	Measles	484	538	—	—
Chicken-pox	40	—	—	—	Scarlatina	181	109	—	—
Cerebro-spinal Meningitis	7	6	—	—	Small-pox	1	9	—	—
Diphtheria and Croup	265	152	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	—	—	—	—	Typhoid fever	24	60	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,505
Calves "	2,817
Sheep "	173
Hogs "	16
Cattle condemned, 13	5,550 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	515 lbs.
Beef	— "
Mutton	— "

VEGETABLES.

Asparagus	7 Crates
Greens	54 bbls.
Potatoes	1 "

APRIL, 1900.
BACTERIOLOGICAL LABORATORY.

DIPHTHERIA: EXAMINATION OF CULTURES.

	Positive.	Negative.	No Growth.	Totals.
Primary	114	380	4	498
Secondary	107	240	3	350
Totals	221	620	7	848

Tuberculosis: examinations of sputum 6; Positive 2, Negative 4.
Typhoid fever: examinations of blood by Widal Test 43; Positive 7, Negative 36, Atypical 0.
Malaria: examinations of stained blood preparations 3; Positive 0, Negative 3, Unsat. 0.
Glanders: guinea pigs inoculated from discharges 6; Positive 3, Negative 3, Unsat. 0.
Other diagnostic examinations 4.
Ice inspections 0, Examinations of water 0, Examinations of ice 0.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of April, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.94	43	41	W.	.00
2	30.04	50	46	S.W.	*T
3	29.73	43	82	W.	.44
4	29.94	42	60	N.W.	.00
5	30.03	38	48	E.	.00
6	29.65	48	51	N.W.	.00
7	29.52	50	46	N.W.	.00
8	29.65	44	35	N.W.	.00
9	29.85	36	50	N.W.	.00
10	30.08	36	48	N.W.	.00
11	30.30	42	58	N.W.	.00
12	30.14	40	85	N.E.-E.	.49
13	29.82	42	92	N.E.	.08
14	29.92	44	58	W.	*T
15	30.22	52	50	N.-W.	.00
16	30.44	53	52	S.W.	.00
17	30.41	50	76	S.	.06
18	30.11	56	89	S.W.	.12
19	29.88	63	68	S.W.	.42
20	30.12	58	66	N.W.	.00
21	30.12	62	54	S.W.	.00
22	29.97	52	86	N.E.	.12
23	29.80	50	93	E.	.03
24	29.96	48	84	E.	.10
25	29.98	52	40	N.W.	.00
26	29.81	54	42	N.W.	.00
27	29.80	46	50	N.W.	.00
28	30.01	46	60	W.	*T
29	29.97	54	46	N.W.	.01
30	29.73	66	63	W.	.03
31	—	—	—	—	—
TOTALS	—	—	—	—	1.90
MEANS	29.968	48.6	60.7	N.W.	.063

GENERAL ITEMS.

Mean Barometer, 29.968.
Highest Barometer, 30.481 on the 17th.
Lowest Barometer, 29.484 on the 7th.
Monthly Range of Barometer, 0.997.
Mean Temperature, 48.6.
Highest Temperature, 81 on the 30th.
Lowest Temperature, 27 on the 10th.
Monthly Range of Temperature, 54.
Greatest Daily Range of Temperature, 31 on the 29th.
Least Daily Range of Temperature, 3 on the 13th.
Mean Daily Range of Temperature, 17.3.
Mean Daily Dew-point, 33.8.
Mean Daily Relative Humidity, 60.7.
Prevailing Direction of Wind, N.W.
Total Movement of Wind, 8,248 miles.
Highest Velocity of Wind and Direction, 34 N.W.
Number of Foggy Days, 1. Number of Fair Days, 6.
Number of Clear Days, 13. Number of Cloudy Days, 11.
Total Number of Days on which Rain or Snow fell, none.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, none.
Dates of Lunar Halos, none.
Thunder Storm, none. Dates of Frosts, 11th.
Mean Max. Temp., 57.2. Mean Min. Temp., 39.9.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	47	1871	3.79
1872	45	1872	1.31
1873	47	1873	3.33
1874	37	1874	7.97
1875	42	1875	4.92
1876	43	1876	3.61
1877	44	1877	4.19
1878	47	1878	6.14
1879	42	1879	6.58
1880	46	1880	2.85
1881	43	1881	1.66
1882	42	1882	2.50
1883	44	1883	2.83
1884	43	1884	4.76
1885	46	1885	3.30
1886	48	1886	1.70
1887	44	1887	2.62
1888	42	1888	2.04
1889	48	1889	3.07
1890	46	1890	2.29
1891	48	1891	1.71
1892	48	1892	0.93
1893	44	1893	3.13
1894	47	1894	3.78
1895	46	1895	3.65
1896	47	1896	1.56
1897	49	1897	3.17
1898	44	1898	6.39
1899	45	1899	1.29
1900	49	1900	1.90

*T indicates trace of precipitation. Average mean temperature for 30 years, 43. Average monthly precipitation for 30 years, 3.25.

915

[5—'00—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of May, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of May, 1900 . . . . . 945.
Population estimated at 555,057. Rate per 1,000 inhabitants, 20.43.

Total number	945
SEX.	
Males	504
Females	441
CONDITION.	
Single	505
Married	292
Widowed	137
Divorced	1
Unknown	10
COLOR.	
White	918
Black (Negro or mixed)	24
Indian	—
Chinese	3
Japanese	—
Total deaths of children, Under 1 year	175
Total deaths of children, Under 2 years	229
Total deaths of children, Under 5 years	299
Diarrhœal diseases, Under 1 year	9
Diarrhœal diseases, Under 2 years	9
Diarrhœal diseases, Under 5 years	9
Diarrhœal diseases, All ages	11

NATIVITY.	
United States	633
Ireland	142
England	17
Scotland	10
Germany	16
British America	61
Italy	15
Russia	12
Sweden	6
Other Countries	18
Unknown	15
PARENTAGE.	
United States	247
Irish	259
English	16
Scotch	13
German	23
British American	58
Italian	69
Russian	24
Swedish	7
Other Countries	66
Mixed	67
One parent unknown	43
Unknown	53
Still-births during the month	47

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1900.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																
1. Typhoid Fever	7										1	1	1	2	1		1													4	3
2. Typhus																																
3. Scurvy																																
4. Small-pox																																
5. Measles	13	4	6	2	1		13																							7	6
6. Scarlet fever	26	1	3	4	9	4	21	4		1																				11	15
7. Whooping-cough	9	6	2	1			9																							2	7
8. Diphtheria and croup	39	4	15	4	3	8	32	2		1	3		1																	19	20
9. Influenza	10										1		1		1				1		2		1	2	1					3	7
10. Miliary Fever																																
11. Asiatic Cholera																																
a. Cholera morbus																																
12. Cholera nostras																																
13. Other epidemic diseases:																																
a. Yellow fever																																
b. Mumps																																
c. Others																																
14. Pyæmia and septicæmia	14										2			2	2	1			3		2	1				1				6	8
15. Glanders and farcy																																
16. Anthrax																																
17. Rabies																																
*																																
19. Intermittent fever																																
20. Malarial cachexia																																
*																																
22. Tuberculosis: *a.* Of the lungs	106	2	2	1		2	7		1	2	25	14	15	15	6	4	5	3	3	4	1	1				58	48
b. Of the meninges	13	3	2	3		1	9	1	1		1										1					8	5
c. Of the peritoneum	1																					1					1
d. Of the skin																																
e. Of other organs	1					1	1																			1	
f. General	12		1	2			3	1			2	3	2		1											8	4
23. Scrofula	1											1														1	
24. Syphilis	1														1												1
a. Congenital																											
25. Cancer: *a.* Of the mouth	5															2	1	1			1					4	1
b. Of the stomach	4														1	2		1								1	3
c. Of the intestines	4													1			1		1		1					1	3
Of the rectum	2														1					1						2	
d. Of the female genital organs	2																	1		1							2
e. Of the breast	4													1			1				2						4
f. Of the skin	3													1						1	1					1	2
g. Others	11									1					1	1	1	3	2	1	1		1			4	7
26. Rheumatism and gout	13							1	1			1					1	3	3	1	1		1			5	8
*																											
28. Diabetes	2							1											1							1	1

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1900.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
29. Exophthalmic goitre	1															1										1	
30. Addison's disease																											
31. Leukemia																											
32. Anemia, chlorosis	3				1		1			1											1					1	2
33. Other general diseases																											
34. Alcoholism (acute or chronic)	7											1	2	2		1		1								4	3
35. Lead poisoning																											
36. Other chronic poisonings of occupations																											
37. Other chronic poisonings																											
Total from general diseases	314	20	29	17	14	16	96	10	3	6	35	21	24	24	18	9	17	12	14	10	11	3	2	3	1	152	162
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis																											
39. Simple meningitis	25	11	1	1	3		16	2	1	1	2	1	1		1											14	11
40. Progressive locomotor ataxia	1																		1							1	
41. Progressive muscular atrophy																											
42. Cerebral hemorrhage and congestion	49	1		1			2						1	1	4	4	6	3	5	4	7	7	1	3	1	25	24
43. Softening of the brain	2																2									1	1
44. Paralysis, without indicated cause	4												1							1		1	1			2	2
45. General paralysis																											
46. Other forms of insanity	1											1															1
47. Epilepsy	1												1													1	
48. Non-puerperal eclampsia																											
49. Convulsions of infants	10	8	2				10																			9	1
50. Tetanus																											
51. Chorea																											
52. Other diseases of the nervous system	3	1					1							1							1					2	1
53. Diseases of the eyes																											
54. Diseases of the ears																											
Total of the nervous system, etc.,	96	21	3	2	3		29	2	1	1	2	2	4	2	5	4	8	3	6	5	7	9	2	3	1	55	41
III. Diseases of the Circulatory System.																											
55. Pericarditis	6	1					1						1	2					2			1				2	4
56. Endocarditis	8								1				1	2	2	1					1					2	6
57. Organic diseases of the heart	59	2		1			3		2		1	2	4	3	3	3	5	6	5	8	4	5	4	1		26	33
58. Angina pectoris	2															1				1						1	1
59. Diseases of the arteries	6												1	1			1	2	1							6	
60. Embolism	4									1							1				1		1			1	3
61. Varices, varicose ulcers, hemorrhoids																											
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage																											
66. Other diseases of the circulatory system,	25		1	1			2				2	5			3		2	2	2		3	2	2			13	12
Total of the circulatory system	110	3	1	2			6		3	1	3	7	7	8	8	5	9	10	10	9	9	7	7	1		51	59

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1900.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																															
67. Diseases of the nasal fossæ																															
68. Diseases of the larynx and thyroid body,	2			1		1	2																							2	
69. Acute bronchitis	15	6	3				9										1		1	1	2	1								4	11
70. Chronic bronchitis	2																			1		1									2
71. Broncho-pneumonia	63	22	9	3	3	1	38	1			1	2	2	1	1			4	4	6	1	1			1	39	24
72. Pneumonia	45	6	2	1	1	1	11		1	2	1	3	3	2	2	4	3	3		2	4	3	1			33	12
73. Pleurisy	10		2				2						1			2		2	1			2				6	4
74. Congestion and apoplexy of lungs	4	2					2								1						1					2	2
75. Gangrene of lungs	1											1														1	
76. Asthma and pulmonary emphysema																															
77. Other diseases of the respiratory system, (phthisis excepted)																															
Total of the respiratory system	142	36	17	4	5	2	64	1	1	2	3	5	6	3	4	6	4	9	6	10	8	8	1		1	87	55
V. Diseases of the Digestive System.																															
78. Diseases of the mouth and adnexa																															
79. Diseases of the pharynx and esophagus:																															
a. Pharynx																															
b. Esophagus																															
80. Ulcer of stomach	2														1			1								2	
81. Other diseases of the stomach, (cancer excepted)	1													1												1	
82. Infantile diarrhœa, athrepsia	9	9					9																			6	3
83. Diarrhœa and enteritis	2												1										1			2	
84. Dysentery																															
85. Intestinal parasites																															
86. Hernia, intestinal obstructions	11	2	1				3				1	2	2			1				1		1				4	7
87. Other diseases of the intestines	1																			1							1
88. Acute yellow atrophy of liver																															
89. Hydatid tumor of the liver																															
90. Cirrhosis of the liver	4																	1	1	1		1				2	2
91. Biliary calculi																															
92. Other diseases of liver	6	2	2				4									1			1							3	1
93. Inflammatory peritonitis, (non-puerperal)	15								1	1	2	3	2	2		2	1		1							5	10
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),	1												1														1
95. Iliac abscess	6								1	1	1			1				1			1					5	1
Total of the digestive system	58	13	3				16		2	2	4	5	6	4	1	3	2	3	3	3	1	2	1			32	26
VI. Diseases of the Genito-Urinary System and Adnexa.																															
96. Acute nephritis	20			1			1	1			1	1	1	2		3	2	2	3	1	1					12	7
97. Brights disease	9											1	1			1	1	1	1	1	1	1				5	4
98. Perinephritis and perinephritic abscess																															
99. Renal calculus																															
100. Other diseases of the kidneys and adnexa																															
101. Vesical calculi																															
102. Diseases of the bladder	2																		1			1				2	
103. Diseases of the urethra																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for May, 1866.	AGE.																														SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																																	
104. Disease of the prostate	3																		1		2									3	
105. Disease of the testicle and its envelopes,																																	
106. Other diseases of the male genital organs																																	
107. Abscess of the pelvis																																	
108. Periuterine hematocele																																	
109. Metritis																																	
110. Uterine hemorrhage (non-puerperal)																																	
111. Uterine tumors (non-cancerous)	1															1																1	
112. Other diseases of the uterus																																	
113. Ovarian cysts and tumors	1														1																	1	
114. Other diseases of the female genital organs																																	
115. Non-puerperal diseases of the breast, (cancer excepted)																																	
Total genito-urinary system, etc.,	35			1		1	1			1	2	2	2	1	5	3	3	5	3	2	3	1				22	13
VII. Puerperal Condition.																																	
116. Accidents of pregnancy	2										1		1																			2	
117. Puerperal hemorrhage																																	
118. Other accidents of labor	1										1																					1	
119. Puerperal septicemia	3									1	1		1																			3	
120. Puerperal metro-peritonitis	2										1	1																				2	
121. Puerperal albuminuria and eclampsia,	2										1			1																		2	
122. Puerperal phlegmasia alba dolens																																	
123. Other accidents of pregnancy	2											1	1																			2	
124. Puerperal diseases of the breast																																	
Total puerperal condition	12									1	5	2	3	1																		12	
VIII. Diseases of the Skin and Cellular Tissue.																																	
125. Erysipelas	9	3				3						1	1		1		1				1	1				3	6
126. Gangrene	1																	1								1	
127. Carbuncle																																	
128. Phlegmon, acute abscess	1																1									1	
129. Other diseases of the skin and adnexa, (cancer excepted)	1														1																	1	
Total of the skin and tissue cellular,	12	3				3						1	1	1	1		2	1			1	1				5	7
IX. Diseases of the Organs of Locomotion.																																	
130. Pott's disease																																	
131. Cold abscess, symptomatic abscess																																	
132. Other diseases of the bones	1	1				1																				1	
133. White swellings																																	
134. Other diseases of the joints																																	
135. Amputation																																	
136. Other diseases of organs of locomotion																																	
Total of organs of locomotion	1	1				1																				1	
X. Malformations.																																	
137. Malformations	2	2				2																				1	1
Total malformations	2	2				2																				1	1

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of May, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	29.83	55	46	W.	.00
2	29.97	58	75	S.	.00
3	29.58	54	92	E.	2.40
4	29.75	50	61	N.W.	.06
5	29.97	48	58	W.	.00
6	30.03	50	44	S.W.	.00
7	30.20	49	41	N.W.	.00
8	29.89	54	77	S.W.	.06
9	29.62	57	67	N.W.	.26
10	30.01	42	66	N.W.	*T
11	30.00	48	64	W.	.00
12	30.06	52	64	E.	.00
13	29.95	64	72	S.W.	.00
14	29.95	54	92	N.E.	.00
15	29.83	70	92	W.	.14
16	30.10	62	76	N.E.	.05
17	30.10	56	91	N.E.	.01
18	29.83	50	96	N.E.	.40
19	29.60	46	94	N.E.	1.55
20	29.63	52	68	N.W.	.03
21	29.72	56	70	W.	.11
22	29.83	58	48	N.W.	.00
23	29.95	60	60	E.	.00
24	30.01	58	79	N.E.	.00
25	30.24	52	65	N.E.	.00
26	30.23	52	56	E.	.00
27	29.98	57	58	E.	.00
28	30.28	49	73	N.E.	*T
29	30.33	58	40	W.-N.W.	.00
30	30.14	68	48	S.W.	.00
31	29.92	74	56	W.	*T
TOTALS.....	—	—	—	—	5.07
MEANS.....	29.952	55.2	67.5	W.	.163

GENERAL ITEMS.

Mean Barometer, 29.952.
Highest Barometer, 30.394 on the 29th.
Lowest Barometer, 29.402 on the 3d.
Monthly Range of Barometer, 0.992.
Mean Temperature, 55.2.
Highest Temperature, 93 on the 15th.
Lowest Temperature, 33 on the 11th.
Monthly Range of Temperature, 60.
Greatest Daily Range of Temperature, 47 on the 15th.
Least Daily Range of Temperature, 3 on the 19th.
Mean Daily Range of Temperature, 19.5.
Mean Daily Dew-point, 42.9.
Mean Daily Relative Humidity, 67.5.
Prevailing Direction of Wind, W.
Total Movement of Wind, 8,053 miles.
Highest Velocity of Wind and Direction, 40 S.W.
Number of Foggy Days, 0. Number of Fair Days, 8.
Number of Clear Days, 7. Number of Cloudy Days, 16.
Total Number of Days on which Rain or Snow fell, 14.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Solar Halos, 24th.
Dates of Lunar Halos, none.
Thunder Storm, 8th, 15th, 21st.. Dates of Frosts, 11th.
Mean Max. Temp., 65.0. Mean Min. Temp., 45.4.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	58	1871	4.54
1872	58	1872	3.29
1873	58	1873	5.16
1874	57	1874	3.70
1875	58	1875	3.76
1876	54	1876	2.70
1877	55	1877	3.38
1878	56	1878	1.02
1879	60	1879	0.97
1880	63	1880	1.67
1881	55	1881	4.16
1882	49	1882	6.05
1883	56	1883	5.11
1884	54	1884	3.31
1885	52	1885	4.26
1886	56	1886	3.08
1887	59	1887	1.67
1888	52	1888	5.20
1889	60	1889	4.15
1890	57	1890	4.48
1891	56	1891	1.56
1892	56	1892	5.15
1893	56	1893	5.23
1894	58	1894	4.12
1895	60	1895	2.71
1896	60	1896	1.68
1897	58	1897	4.00
1898	56	1898	4.33
1899	58	1899	0.81
1900	55	1900	5.07

*T indicates trace of precipitation. Average mean temperature for 30 years, 57. Average monthly precipitation for 30 years, 3.23.

[6—'00—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of June, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of June, 1900 . . . . . 786.
Population estimated at 555,057. Rate per 1,000 inhabitants, 16.99.

Total number	786
SEX.	
Males	414
Females	372
CONDITION.	
Single	427
Married	221
Widowed	126
Divorced	2
Unknown	10
COLOR.	
White	761
Black (Negro or mixed)	20
Indian	—
Chinese	5
Japanese	—
Total deaths of children, Under 1 year	135
Total deaths of children, Under 2 years	184
Total deaths of children, Under 5 years	235
Diarrhœal diseases, Under 1 year	13
Diarrhœal diseases, Under 2 years	16
Diarrhœal diseases, Under 5 years	17
Diarrhœal diseases, All ages	20

NATIVITY.	
United States	494
Ireland	153
England	15
Scotland	3
Germany	17
British America	44
Italy	12
Russia	7
Sweden	4
Other Countries	22
Unknown	15
PARENTAGE.	
United States	182
Irish	265
English	13
Scotch	8
German	25
British American	54
Italian	43
Russian	22
Swedish	4
Other Countries	43
Mixed	50
One parent unknown	32
Unknown	45
Still-births during the month	41

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1866.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																
1. Typhoid Fever	4									1			1	1	1														3	1
2. Typhus																																
3. Scurvy	1	1					1																							1	
4. Small-pox																																
5. Measles	12	3	5	2		2	12																							6	6
6. Scarlet fever	10	1	4	3		1	9	1																						7	3
7. Whooping-cough	4	2				2	4																							2	2
8. Diphtheria and croup	32	2	9	2	3	4	20	11				1																		17	15
9. Influenza																																
10. Miliary Fever																																
11. Asiatic Cholera																																
a. Cholera morbus	1																				1									1	
12. Cholera nostras																																
13. Other epidemic diseases:																																
a. Yellow fever																																
b. Mumps																																
c. Others																																
14. Pyæmia and septicæmia	5				1		1	1							1	1					1									4	1
15. Glanders and farcy																																
16. Anthrax																																
17. Rabies																																
*																																
19. Intermittent fever																																
20. Malarial cachexia																																
*																																
22. Tuberculosis: *a.* Of the lungs	91							1	2	3	16	16	12	9	12	4	7	4	1	2	1	1				46	45
b. Of the meninges	13	3	4	2	1	1	11		1		1															6	7
c. Of the peritoneum	2		1				1				1															1	1
d. Of the skin																																
e. Of other organs																																
f. General	10	1		1			2			3	1	2				1			1							6	4
23. Scrofula																																
24. Syphilis	2													1			1									2	
a. Congenital	1	1					1																			1	
25. Cancer: *a.* Of the mouth	3																	1	1					1		3	
b. Of the stomach	9														2		1	2	2	2						5	4
c. Of the intestines	1																		1							1	
Of the rectum	3										1								2							1	2
d. Of the female genital organs	4															1			2	1							4
e. Of the breast	5													1				1		1	1			1			5
f. Of the skin	4												1			2				1						3	1
g. Others	15										1			1				3	3	2	3		2			5	10
26. Rheumatism and gout	3								1									1					1			1	2
*																											
28. Diabetes	6													1			1	1	2			1				2	4

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
29. Exophthalmic goitre	1											1															1
30. Addison's disease																											
31. Leukemia																											
32. Anemia, chlorosis	2	1					1											1								1	1
33. Other general diseases																											
34. Alcoholism (acute or chronic)	5										1	1	1	1	1											3	2
35. Lead poisoning																											
36. Other chronic poisonings of occupations																											
37. Other chronic poisonings	1																	1								1	
Total from general diseases	250	15	23	10	5	10	63	14	4	7	22	21	15	15	17	9	10	14	16	9	7	2	3	2		129	121
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis																											
39. Simple meningitis	27	4	6	3	1	1	15	4		2		2	1		1	1			1							16	11
40. Progressive locomotor ataxia																											
41. Progressive muscular atrophy	1																	1									1
42. Cerebral hemorrhage and congestion	31												1	1	1	1	3	6	3	5	3	4	1	2		18	13
43. Softening of the brain	1																				1						1
44. Paralysis, without indicated cause	7										1					1				2	1	2				2	5
45. General paralysis	1																						1			1	
46. Other forms of insanity																											
47. Epilepsy	3									1						1								1		1	2
48. Non-puerperal eclampsia																											
49. Convulsions of infants	4	4					4																			4	
50. Tetanus	4								1	2		1														4	
51. Chorea																											
52. Other diseases of the nervous system	1															1										1	
53. Diseases of the eyes																											
54. Diseases of the ears																											
Total of the nervous system, etc.,	80	8	6	3	1	1	19	4	1	5	1	3	2	1	2	5	3	7	4	7	5	6	2	3		47	33
III. Diseases of the Circulatory System.																											
55. Pericarditis	2													1						1						1	1
56. Endocarditis	8									1		2	1				1		1	1	1					2	6
57. Organic diseases of the heart	49	1					1	1		1	1	1	3	4	6	3	3	5	7	4	6	2	1			17	32
58. Angina pectoris	3															1		1		1						2	1
59. Diseases of the arteries	1																					1				1	
60. Embolism	4															2			1		1					2	2
61. Varices, varicose ulcers, hemorrhoids																											
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage																											
66. Other diseases of the circulatory system,	29													2	3	2	2	1	1	4	2	2		1		3	11
Total of the circulatory system	97	1					1	1		2	1	3	4	7	9	8	6	7	10	11	10	5	1	1		44	53

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1900.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																																
67. Diseases of the nasal fossæ																																
68. Diseases of the larynx and thyroid body,																																
69. Acute bronchitis	18	11	3	1			15					1						1			1									11	7
70. Chronic bronchitis	10										1	1						2	1		3	2								4	6
71. Broncho-pneumonia	47	12	9	5	1	2	29			1		1	2	3	2	1	1	2	1	1	1	2									26	21
72. Pneumonia	28		2	1	1		4			2	1	1	3	2	3	1		4	2	1	1	1	2								16	12
73. Pleurisy	4									1	1					1			1												3	1
74. Congestion and apoplexy of lungs																																
75. Gangrene of lungs																																
76. Asthma and pulmonary emphysema	2				1		1				1																				1	1
77. Other diseases of the respiratory system, (phthisis excepted)																																
Total of the respiratory system	109	23	14	7	3	2	49			4	4	4	5	5	5	3	1	9	5	2	6	5	2								61	48
V. Diseases of the Digestive System.																																
78. Diseases of the mouth and adnexa																																
79. Diseases of the pharynx and esophagus:																																
a. Pharynx																																
b. Esophagus																																
80. Ulcer of stomach	1																			1												1
81. Other diseases of the stomach, (cancer excepted)	2																	1				1									1	1
82. Infantile diarrhœa, athrepsia	17	13	3	1			17																								6	11
83. Diarrhœa and enteritis	2																	1			1											2
84. Dysentery																																
85. Intestinal parasites																																
86. Hernia, intestinal obstructions	11	3					3					1	1	2	1			1		1			1								3	8
87. Other diseases of the intestines	1	1					1																								1	
88. Acute yellow atrophy of liver																																
89. Hydatid tumor of the liver																																
90. Cirrhosis of the liver	6													2		2	1	1													2	4
91. Biliary calculi	1														1																	1
92. Other diseases of liver	7	6					6												1												3	4
93. Inflammatory peritonitis, (non-puerperal)	12							1			2	2	3	2		1		1													4	8
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),	1																			1											1	
95. Iliac abscess	11								2	3		1		1		2		2													6	5
Total of the digestive system	72	23	3	1			27	1	2	3	2	4	4	7	2	5	1	7	1	3	1	1	1							27	45
VI. Diseases of the Genito-Urinary System and Adnexa.																																
96. Acute nephritis	21									1	1	2				4	3	1		4	4		1								11	10
97. Brights disease	8									1		1	1	1		1	2	1													4	4
98. Perinephritis and perinephritic abscess,	1													1																	1	
99. Renal calculus																																
100. Other diseases of the kidneys and adnexa																																
101. Vesical calculi																																
102. Diseases of the bladder																																
103. Diseases of the urethra																																

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for June, 1900.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																																
104. Disease of the prostate	1																				1									1		
105. Disease of the testicle and its envelopes																																
106. Other diseases of the male genital organs																																
107. Abscess of the pelvis																																
108. Periuterine hematocele																																
109. Metritis																																
110. Uterine hemorrhage (non-puerperal)																																
111. Uterine tumors (non-cancerous)																																
112. Other diseases of the uterus																																
113. Ovarian cysts and tumors	1												1																		1	
114. Other diseases of the female genital organs																																
115. Non-puerperal diseases of the breast, (cancer excepted)																																
Total genito-urinary system, etc.,	32									2	1	3	2	2		5	5	2		4	5		1			17	15
VII. Puerperal Condition.																																
116. Accidents of pregnancy	1													1																	1	
117. Puerperal hemorrhage																																
118. Other accidents of labor																																
119. Puerperal septicemia	4										1	2	1																		4	
120. Puerperal metro-peritonitis	1										1																				1	
121. Puerperal albuminuria and eclampsia,																																
122. Puerperal phlegmasia alba dolens																																
123. Other accidents of pregnancy																																
124. Puerperal diseases of the breast																																
Total puerperal condition	6										2	2	1	1																	6	
VIII. Diseases of the Skin and Cellular Tissue.																																
125. Erysipelas	2																			1		1					2					
126. Gangrene																																
127. Carbuncle	1	1					1																								1	
128. Phlegmon, acute abscess	3				1		1	1						1																3		
129. Other diseases of the skin and adnexa, (cancer excepted)	2	2					2																								1	1
Total of the skin and tissue cellular,	8	3			1		4	1						1						1		1					6		2	
IX. Diseases of the Organs of Locomotion.																																
130. Pott's disease																																
131. Cold abscess, symptomatic abscess																																
132. Other diseases of the bones	1									1																					1	
133. White swellings																																
134. Other diseases of the joints																																
135. Amputation																																
136. Other diseases of organs of locomotion																																
Total of organs of locomotion	1									1																					1	
X. Malformations.																																
137. Malformations	3	3					3																				2		1	
Total malformations	3	3					3																				2		1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1906.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																											
138. Congenital debility, icterus and sclerema	48	47	1				48																			36	12
139. Want of care	1	1					1																				1
140. Other diseases peculiar to infancy	7	7					7																			3	4
Total infantile	56	55	1				56																			39	17
XII. Old Age.																											
141. Senile debility	15																	1	2		4	2	4	2	4	11
Total from old age	15																	1	2		4	2	4	2	4	11
XIII. External Violence.																											
142. Suicide: *a.* By poison	3									1		1			1										2	1
b. By asphyxia																											
c. By strangulation	1												1														1
d. By firearms	2											1				1										2	
e. By cutting instruments	1												1													1	
f. By drowning	1														1											1	
g. By falls																											
h. By crushing																											
i. Others																											
142½. Homicide	4	1					1				1		1					1								3	1
143. Fractures	13				1		1					4	2	2			2								2	10	3
144. Sprains and dislocations																											
145. Other accidental injuries	9			1		1	2				2	2				1	1			1						7	2
146. Burns: *a.* By fire	2					2	2																			2	
b. By corrosive substances																											
147. Sunstroke and freezing	2	1					1											1								1	1
148. Accidental drowning	5				1		1					1		1				1	1							5	
149. Inanition																											
150. Inhalation of noxious gases (suicide excepted)	1																	1								1	
151. Other accidental poisoning	2							2																		2	
152. Other external violence																											
Total from external violence	46	2		1	2	3	8	2		1	3	9	5	3	2	2	3	2	3	1					2	37	9
XIV. Ill-defined Diseases.																											
•																											
•																											
•																											
156. Asphyxia, cyanosis	1	1					1																			1	
•																											
158. Abdominal tumor	3													1		1	1									1	2
159. Other tumors																											
160. "Plaie"	1											1															1
161. Unknown or not specified diseases	16	1	2		1		4			1	1	1	1	4		1	2	1								9	7
Total ill-defined diseases	21	2	2		1		5			1	1	2	1	5		2	3	1								11	10
Total from all causes,	786	135	49	22	13	16	235	23	7	26	37	51	39	47	37	39	32	49	40	40	34	24	12	10	4	414	372

* Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system). Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families — now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JUNE, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	June, 1900.	June, 1899.	June, 1900.	June, 1899.		June, 1900.	June, 1899.	June, 1900.	June, 1899.
Cholera	—	—	—	—	Measles	342	313	—	1
Chicken-pox	39	—	—	—	Scarlatina	154	86	—	1
Cerebro-spinal Meningitis	1	9	—	—	Small-pox	—	7	—	—
Diphtheria and Croup	304	206	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	87	40	—	—
Tuberculosis	167	—	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,362
Calves "	2,011
Sheep "	535
Hogs "	—
Cattle condemned, 11	5,198 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	435 lbs.
Poultry,	796 "
Mutton	25 "
Fish — Lobsters	350 "

VEGETABLES.

Cucumbers	10 crates
Peaches	258 baskets
Strawberries	216 qts.
Potatoes	1 bbl.

JUNE, 1900.
BACTERIOLOGICAL LABORATORY.

DIPHTHERIA: EXAMINATION OF CULTURES.

	Positive.	Negative.	No Growth.	Totals.
Primary	136	386	3	525
Secondary	152	314	2	468
Totals	288	700	5	993

Tuberculosis: examinations of sputum 131; Positive 53, Negative 78.
Typhoid fever: examinations of blood by Widal Test 93; Positive 18; Negative 66; Atypical 9.
Malaria: examinations of stained blood preparations 1; Positive 0; Negative 1; Unsat. 0.
Glanders: guinea pigs inoculated from discharges 9; Positive 1; Negative 4; Unsat. 4.
Other diagnostic examinations 0.
Ice inspections 2; Examinations of water 0; Examinations of ice 0.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of June, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.01	77	57	W.	.00
2	29.83	76	68	S.W.	.00
3	30.01	62	93	N.E.	.42
4	30.18	53	74	N.E.	.01
5	30.09	60	63	E.-S.W.	.00
6	30.04	68	61	W.	.00
7	29.95	66	71	S.W.	.00
8	29.79	69	85	S.W.	.05
9	29.82	74	67	N.-N.W.	.04
10	30.13	63	62	E.	.00
11	29.96	68	72	S.W.	*T
12	30.09	72	62	E.	*T
13	30.21	62	70	E.	.00
14	30.00	66	85	S.W.	.07
15	30.01	70	49	N.W.	.00
16	29.97	70	48	W.	.00
17	29.98	68	69	E.	.00
18	30.08	60	68	N.E.	.00
19	30.11	58	66	E.	.00
20	29.87	67	66	N.W.	*T
21	29.77	72	44	W.	.00
22	29.79	76	79	S.W.	.32
23	29.96	64	78	N.E.-S.W.	.61
24	29.84	69	78	S.W.	.00
25	29.73	78	66	N.W.	.00
26	29.90	71	53	S.W.	.00
27	29.68	79	70	S.W.	*T
28	29.62	80	72	S.W.	.17
29	29.56	76	66	W.	.16
30	29.74	65	45	W.	*T
31	—	—	—	—	—
TOTALS.....		—	—	—	1.85
MEANS.....	29.924	68.6	66.9	S.W.	.061

GENERAL ITEMS.

Mean Barometer, 29.924.
Highest Barometer, 30.239 on the 13th.
Lowest Barometer, 29.528 on the 26th.
Monthly Range of Barometer, 0.711.
Mean Temperature, 68.6.
Highest Temperature, 94 on the 27th.
Lowest Temperature, 46 on the 5th.
Monthly Range of Temperature, 48.
Greatest Daily Range of Temperature, 31 on the 11th.
Least Daily Range of Temperature, 8 on the 18th.
Mean Daily Range of Temperature, 19.1.
Mean Daily Dew-point, 56.0.
Mean Daily Relative Humidity, 66.9.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 8,277 miles.
Highest Velocity of Wind and Direction, 37 W.
Number of Foggy Days, 0. Number of Fair Days, 10.
Number of Clear Days, 13. Number of Cloudy Days, 7.
Total Number of Days on which Rain or Snow fell, 14.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Date of Lunar Halos, 12th.
Dates of Solar Halos, 1st, 17th, 18th, 19th.
Thunder Storm, 22d, 27th, 28th. Dates of Frosts, none.
Mean Max. Temp., 78.2. Mean Min. Temp., 59.1.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	66	1871	5.55
1872	68	1872	4.84
1873	68	1873	0.54
1874	66	1874	3.94
1875	67	1875	7.25
1876	68	1876	1.72
1877	67	1877	3.21
1878	64	1878	2.28
1879	64	1879	6.24
1880	67	1880	0.75
1881	61	1881	7.79
1882	66	1882	1.03
1883	69	1883	2.07
1884	66	1884	4.01
1885	66	1885	3.70
1886	63	1886	1.34
1887	64	1887	1.98
1888	67	1888	2.69
1889	68	1889	2.77
1890	64	1890	2.21
1891	65	1891	3.06
1892	70	1892	3.05
1893	65	1893	2.20
1894	69	1894	0.80
1895	67	1895	1.73
1896	66	1896	2.71
1897	62	1897	4.46
1898	66	1898	1.60
1899	70	1899	2.86
1900	69	1900	1.85

*T indicates trace of precipitation. Average mean temperature for 30 years, 66. Average monthly precipitation for 30 years, 3.01.

[7—'00—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of July, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of July, 1900 . . . . . 1,024.
Population by Census, 560,892. Rate per 1,000 inhabitants, 21.91.

Total number	1,024
SEX.	
Males	549
Females	475
CONDITION.	
Single	630
Married	257
Widowed	123
Divorced	5
Unknown	9
COLOR.	
White	991
Black (Negro or mixed)	29
Indian	—
Chinese	4
Japanese	—
Total deaths of children, Under 1 year	320
Total deaths of children, Under 2 years	374
Total deaths of children, Under 5 years	431
Diarrhœal diseases, Under 1 year	128
Diarrhœal diseases, Under 2 years	138
Diarrhœal diseases, Under 5 years	146
Diarrhœal diseases, All ages	164

NATIVITY.	
United States	706
Ireland	153
England	23
Scotland	6
Germany	20
British America	60
Italy	18
Russia	11
Sweden	6
Other Countries	6
Unknown	15
PARENTAGE.	
United States	231
Irish	307
English	19
Scotch	7
German	29
British American	80
Italian	38
Russian	29
Swedish	10
Other Countries	46
Mixed	117
One parent unknown	52
Unknown	59
Still-births during the month	49

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	8							1			1		1	4				1								7	1
2. Typhus																											
3. Scurvy	3	2			1		3																			1	2
4. Small-pox																											
5. Measles	7	2	1	3	1		7																			2	5
6. Scarlet fever	11		1	3	1	2	7	4																		4	7
7. Whooping-cough	3	3					3																			1	2
8. Diphtheria and croup	33	4	5	2	9	4	24	4	2	2	1															16	17
9. Influenza	5													1			1		1				2			2	3
10. Miliary Fever																											
11. Asiatic Cholera																											
a. Cholera morbus	3														1			1			1					3	
12. Cholera nostras																											
13. Other epidemic diseases:																											
a. Yellow fever																											
b. Mumps																											
c. Others																											
14. Pyæmia and septicæmia	8							1			2	1	1		2	1											8
15. Glanders and farcy																											
16. Anthrax																											
17. Rabies																											
*																											
19. Intermittent fever																											
20. Malarial cachexia																											
*																											
22. Tuberculosis: *a.* Of the lungs	110	1	1	2			4	2	2	13	17	13	9	19	10	7	6	4		4						58	52
b. Of the meninges	8	4			1		5	1				1				1										4	4
c. Of the peritoneum	1				1		1																			1	
d. Of the skin																											
e. Of other organs	1													1												1	
f. General	14	2	1				3			1		2		4	3			1								7	7
23. Scrofula																											
24. Syphilis	1	1					1																				1
a. Congenital																											
25. Cancer: *a.* Of the mouth	1															1											1
b. Of the stomach	7															1	1		1		2	1		1		4	3
c. Of the intestines	7												1		1	2		1	1				1			3	4
Of the rectum																											
d. Of the female genital organs	4																2		1	1							4
e. Of the breast	5													1				1	1	1				1			5
f. Of the skin	1												1														1
g. Others	10											2				3	1	1	1		2					3	7
26. Rheumatism and gout	4											1						2		1							4
*																											
28. Diabetes	8																1	1	6							6	2

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
29. Exophthalmic goitre	2		1				1											1								1	1
30. Addison's disease																											
31. Leukemia	1																	1								1	
32. Anemia, chlorosis	3									1			1							1						2	1
33. Other general diseases																											
34. Alcoholism (acute or chronic)	14									1		4	4	1	1		2		1							12	2
35. Lead poisoning																											
36. Other chronic poisonings of occupations																											
37. Other chronic poisonings																											
Total from general diseases	283	19	10	10	14	8	59	13	4	17	22	20	17	35	18	17	12	15	14	8	5	2	3	1	1	139	144
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis	3	2					2											1								3	
39. Simple meningitis	30	8	8	2	2	1	21	3	1			3		1						1						17	13
40. Progressive locomotor ataxia	1																	1								1	
41. Progressive muscular atrophy	4								1		1						2									3	1
42. Cerebral hemorrhage and congestion	33	5		1			6		1				1			2	2	1	1	6	5	4	3	1		16	17
43. Softening of the brain	1																			1							1
44. Paralysis, without indicated cause	5																1	1	2		1					1	4
45. General paralysis																											
46. Other forms of insanity	2																			1				1			2
47. Epilepsy																											
48. Non-puerperal eclampsia																											
49. Convulsions of infants	8	6	2				8																			2	6
50. Tetanus	4							1	2	1																3	1
51. Chorea																											
52. Other diseases of the nervous system	5									1				1	1				1			1				3	2
53. Diseases of the eyes																											
54. Diseases of the ears																											
Total of the nervous system, etc.,	96	21	10	3	2	1	37	4	5	2	1	3	1	2	1	2	5	3	5	9	6	5	3	2		49	47
III. Diseases of the Circulatory System.																											
55. Pericarditis	3			1			1							1					1							3	
56. Endocarditis	13				1	1	2				3	1	1				2	2		1	1					7	6
57. Organic diseases of the heart	28	2					2	2	2		2	1	3		2	3	1	2	2	3	1	2				18	10
58. Angina pectoris	2																2									2	
59. Diseases of the arteries	4												1					1			1	1				2	2
60. Embolism	3													1						1		1				3	
61. Varices, varicose ulcers, hemorrhoids																											
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage	1														1											1	
66. Other diseases of the circulatory system,	22													1	3	1	1	3	2	6	2	3				11	11
Total of the circulatory system	76	2		1	1	1	5	2	2		5	2	5	3	5	5	6	8	5	11	5	7				47	29

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality, for July, 1890.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																											
67. Diseases of the nasal fossæ																											
68. Diseases of the larynx and thyroid body,	1	1					1																				1
69. Acute bronchitis	4	1	1		1		3						1													3	1
70. Chronic bronchitis	5															1		1		3						1	4
71. Broncho-pneumonia	46	17	5		1		25						2	3	2	4	2	4	1		1	1				22	24
72. Pneumonia	10	2					2					2		2	1		1	1		1						7	3
73. Pleurisy	6	1	1				2	2		1	1				1		1									5	1
74. Congestion and apoplexy of lungs	1																1										1
75. Gangrene of lungs																											
76. Asthma and pulmonary emphysema	1					1	1																			1	
77. Other diseases of the respiratory system, (phthisis excepted)	1	1					1																				1
Total of the respiratory system	72	23	7		2	1	33	2				2	1	4	5	2	8	3	3	2	3	1	1			39	33
V. Diseases of the Digestive System.																											
78. Diseases of the mouth and adnexa																											
79. Diseases of the pharynx and esophagus:																											
a. Pharynx	1															1										1	
b. Esophagus																											
80. Ulcer of stomach																											
81. Other diseases of the stomach, (cancer excepted)	1																	1									1
82. Infantile diarrhœa, athrepsia	146	128	10	6	1	1	146																			83	63
83. Diarrhœa and enteritis	14							2								1	2	1		2	3	3				6	8
84. Dysentery	1															1											1
85. Intestinal parasites																											
86. Hernia, intestinal obstructions	16	3	1				4						1	1	2	2		1	2	1	1		1			6	10
87. Other diseases of the intestines	1																			1							1
88. Acute yellow atrophy of liver																											
89. Hydatid tumor of the liver																											
90. Cirrhosis of the liver	7										1		2				2		1	1						5	2
91. Biliary calculi																											
92. Other diseases of liver																											
93. Inflammatory peritonitis, (non-puerperal)	14	1					1			2	2	3	1	2	1	1	1									7	7
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),	1																						1				1
95. Iliac abscess	12							3		3	2	1	1	1						1						10	2
Total of the digestive system	244	132	11	6	1	1	151	5		5	4	5	2	6	2	6	7	2	2	6	5	4		2		118	96
VI. Diseases of the Genito-Urinary System and Adnexa.																											
96. Acute nephritis	16				1		1	1			1	1		2	1	1	2		2	1	2		1			8	8
97. Brights disease	6											1				1		2		1	1					6	
98. Perinephritis and perinephritic abscess,																											
99. Renal calculus																											
100. Other diseases of the kidneys and adnexa																											
101. Vesical calculi																											
102. Diseases of the bladder	2							1											1							2	
103. Diseases of the urethra																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for July, 1900.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																											
104. Disease of the prostate	3																	1	1		1					3	
105. Disease of the testicle and its envelopes,																											
106. Other diseases of the male genital organs																											
107. Abscess of the pelvis																											
108. Periuterine hematocele																											
109. Metritis																											
110. Uterine hemorrhage (non-puerperal)																											
111. Uterine tumors (non-cancerous)																											
112. Other diseases of the uterus																											
113. Ovarian cysts and tumors																											
114. Other diseases of the female genital organs																											
115. Non-puerperal diseases of the breast, (cancer excepted)																											
Total genito-urinary system, etc.,	27				1	1	2			1	2		2	1	2	1	2	3	4	3		2			19	8
VII. Puerperal Condition.																											
116. Accidents of pregnancy	1												1														1
117. Puerperal hemorrhage																											
118. Other accidents of labor																											
119. Puerperal septicemia	4										1		2														3
120. Puerperal metro-peritonitis																											
121. Puerperal albuminuria and eclampsia,	3											1	1														2
122. Puerperal phlegmasia alba dolens																											
123. Other accidents of pregnancy	2										1	1															2
124. Puerperal diseases of the breast																											
Total puerperal condition	8										2	2	4														8
VIII. Diseases of the Skin and Cellular Tissue.																											
125. Erysipelas	1	1				1																					1
126. Gangrene																											
127. Carbuncle																											
128. Phlegmon, acute abscess	2							1								1										1	1
129. Other diseases of the skin and adnexa, (cancer excepted)	1												1													1	
Total of the skin and tissue cellular,	4	1				1		1					1			1										2	2
IX. Diseases of the Organs of Locomotion.																											
130. Pott's disease	1		1			1																					1
131. Cold abscess, symptomatic abscess																											
132. Other diseases of the bones	1									1																1	
133. White swellings																											
134. Other diseases of the joints																											
135. Amputation																											
136. Other diseases of organs of locomotion																											
Total of organs of locomotion	2		1			1		1																		1	1
X. Malformations.																											
137. Malformations	1	1				1																					1
Total malformations	1	1				1																					1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1880.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																															
138. Congenital debility, icterus and sclerema	119	104	13	1		1	119																							65	54
139. Want of care																															
140. Other diseases peculiar to infancy	6	6					6																							5	1
Total infantile	125	110	13	1		1	125																							70	55
XII. Old Age.																															
141. Senile debility	20																1			5	2	5	5	2					6	14
Total from old age	20																1			5	2	5	5	2					6	14
XIII. External Violence.																															
142. Suicide: *a.* By poison	7											1	2		1	1	1	1												5	2
b. By asphyxia																															
c. By strangulation																															
d. By firearms																															
e. By cutting instruments																															
f. By drowning																															
g. By falls	1													1																1	
h. By crushing																															
i. Others																															
142½. Homicide	2												1			1														1	1
143. Fractures	18				1		1	1	2		1	1	5		1		2	1			1	1		1						11	7
144. Sprains and dislocations																															
145. Other accidental injuries	4				1		1							1	1							1								4	
146. Burns: *a.* By fire	6				1		1	1	1				1	1							1									3	3
b. By corrosive substances																															
147. Sunstroke and freezing	34	9	1				10			1	1	1	3	4		1	2	2	5		1	1	1	1						21	13
148. Accidental drowning	3											1		2																3	
149. Inanition																															
150. Inhalation of noxious gases (suicide excepted)	2												1				1													2	
151. Other accidental poisoning	1				1		1																								1
152. Other external violence	1							1																						1	
Total from external violence	79	9	1		4		14	3	3	1	2	4	13	8	4	3	6	4	5	1	2	3	1	2						52	27
XIV. Ill-defined Diseases.																															
*																															
*																															
*																															
156. Asphyxia, cyanosis	1	1					1																							1	
*																															
158. Abdominal tumor																															
159. Other tumors	1													1																	1
160. "Plaie"	6											1		1	2	1			1											1	5
161. Unknown or not specified diseases	9	1	1				2			2				2		1	2	2												5	4
Total ill-defined diseases	17	2	1				3			2		1		2	2	2	2	2	1											7	10
Total from all causes	1024	320	54	21	25	11	431	31	15	28	35	41	41	67	38	39	39	40	40	41	34	24	15	12	3	549	475

* Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families — now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JULY, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	July, 1900.	July, 1899.	July, 1900.	July, 1899.		July, 1900.	July, 1899.	July, 1900.	July, 1899.
Cholera	—	—	—	—	Measles	195	166	—	—
Chicken-pox	16	—	—	—	Scarlatina	65	70	—	—
Cerebro-spinal Meningitis	8	4	—	—	Small-pox	—	2	—	1
Diphtheria and Croup	224	235	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	58	60	—	—
Tuberculosis	103	—	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,535
Calves "	1,668
Sheep "	1,220
Hogs "	—
Cattle condemned, 8	3,230 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	712 lbs.
Poultry	1,143 "
Ham	75 "

VEGETABLES.

Beans	75 bbls.
Cucumbers	20 "
Berries	452 qts.
Mellons	75 bbls.
Potatoes	140 "

JULY, 1900.
BACTERIOLOGICAL LABORATORY.

DIPHTHERIA: EXAMINATION OF CULTURES.

	Positive.	Negative.	No Growth.	Totals.
Primary	67	244	3	314
Secondary	78	201	7	286
Totals	145	445	10	600

Tuberculosis: examinations of sputum 86; Positive 37, Negative 49.
Typhoid fever: examinations of blood by Widal Test 71; Positive 10; Negative 56; Atypical 5.
Malaria: examinations of stained blood preparations 4; Positive 0; Negative 4; Unsat. 0.
Glanders: guinea pigs inoculated from discharges 6; Positive 4; Negative 2; Unsat. 0.
Other diagnostic examinations: gonorrhea, negative 1.
Ice inspections 0; Examinations of water 0; Examinations of ice 0.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of July, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	29.92	64	54	N.W.	.00
2	30.11	66	54	N.W.	.00
3	30.06	68	60	S.W.	*T
4	29.89	77	58	N.W.	.01
5	29.98	71	60	E.	.00
6	29.86	66	64	E.	.10
7	29.71	80	78	W.	*T
8	29.54	82	66	S.W.	.00
9	29.60	74	70	W.	.01
10	29.88	70	54	W.	.00
11	30.06	75	66	S.W.	.00
12	29.94	75	82	S.W.	.42
13	29.83	71	58	W.	.10
14	29.87	72	47	N.W.	.00
15	29.92	73	62	W.	*T
16	29.91	84	64	W.	.00
17	29.90	86	64	S.W.	.00
18	29.85	84	59	S.W.-W.	.21
19	29.98	76	48	N.W.	.00
20	30.08	68	65	E.	.00
21	30.04	71	84	S.	*T
22	30.16	68	74	E.	*T
23	30.08	79	57	W.	.00
24	29.98	80	78	S.W.	*T
25	29.79	78	83	S.W.	.60
26	29.89	68	98	N.E.	1.24
27	30.03	68	62	N.W.	.00
28	30.11	70	56	N.W.	.00
29	30.08	76	65	S.	.00
30	29.99	74	68	S.W.	.00
31	29.94	76	68	S.W.	.00
TOTALS.....	—	—	—	—	2.69
MEANS.....	29.934	73.8	67.0	S.W.	.087

GENERAL ITEMS.

Mean Barometer, 29.934.
Highest Barometer, 30.177 on the 22d.
Lowest Barometer, 29.488 on the 8th.
Monthly Range of Barometer, .689.
Mean Temperature, 73.8.
Highest Temperature, 97 on the 18th.
Lowest Temperature, 55 on the 1st.
Monthly Range of Temperature, 42.
Greatest Daily Range of Temperature, 30 on the 7th.
Least Daily Range of Temperature, 9 on the 20th.
Mean Daily Range of Temperature, 17.9.
Mean Daily Dew-point, 61.3.
Mean Daily Relative Humidity, 67.0.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 8,017 miles.
Highest Velocity of Wind and Direction, 52 W.
Number of Foggy Days, 0. Number of Fair Days, 11.
Number of Clear Days, 11. Number of Cloudy Days, 9.
Total Number of Days on which Rain or Snow fell, 14.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Date of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storm, 12th, 18th, 25th. Dates of Frosts, none.
Mean Max. Temp., 82.8. Mean Min. Temp., 64.9.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	71	1871	3.24
1872	75	1872	4.00
1873	73	1873	3.84
1874	73	1874	3.47
1875	71	1875	3.93
1876	74	1876	5.86
1877	70	1877	2.87
1878	74	1878	4.58
1879	70	1879	3.09
1880	70	1880	6.86
1881	68	1881	2.96
1882	72	1882	3.91
1883	71	1883	2.73
1884	68	1884	4.25
1885	71	1885	1.44
1886	74	1886	1.81
1887	73	1887	3.59
1888	68	1888	1.79
1889	69	1889	5.80
1890	74	1890	1.93
1891	69	1891	3.73
1892	73	1892	2.56
1893	71	1893	1.72
1894	74	1894	3.09
1895	69	1895	2.98
1896	72	1896	2.90
1897	72	1897	4.22
1898	72	1898	4.42
1899	71	1899	3.45
1900	74	1900	2.69

*T indicates trace of precipitation. Average mean temperature for 30 years, 3.37. Average monthly precipitation for 30 years, .69.

915

[8–'00–70–350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of August, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Rec'd DEC 11 1900 B.P.L.

Deaths during the month of August, 1900 . . . . . 999.
Population by Census, 560,892. Rate per 1,000 inhabitants, 21.37.

Total number	999
SEX.	
Males	530
Females	469
CONDITION.	
Single	632
Married	249
Widowed	119
Divorced	1
Unknown	7
COLOR.	
White	970
Black (Negro or mixed)	24
Indian	—
Chinese	5
Japanese	—
Total deaths of children, Under 1 year	329
Total deaths of children, Under 2 years	380
Total deaths of children, Under 5 years	426
Diarrhœal diseases, Under 1 year	161
Diarrhœal diseases, Under 2 years	184
Diarrhœal diseases, Under 5 years	196
Diarrhœal diseases, All ages	229

NATIVITY.	
United States	713
Ireland	142
England	13
Scotland	6
Germany	13
British America	61
Italy	16
Russia	5
Sweden	4
Other Countries	14
Unknown	12
PARENTAGE.	
United States	251
Irish	299
English	15
Scotch	6
German	21
British American	95
Italian	31
Russian	24
Swedish	12
Other Countries	58
Mixed	106
One parent unknown	40
Unknown	47
Still-births during the month	46

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1900.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																													
1. Typhoid Fever	13							1		1	3	2	1	2	2		1									10	3
2. Typhus																													
3. Scurvy	2	2					2																				2		
4. Small-pox																													
5. Measles	6	2	2	2			6					1														2	4		
6. Scarlet fever	8		2	2	1		5	2			1															4	4		
7. Whooping-cough	13	9	2		1		12	1																		4	9		
8. Diphtheria and croup	28	2	4	6	3	2	18	10																		14	14		
9. Influenza																													
10. Miliary Fever																													
11. Asiatic Cholera																													
a. Cholera morbus	5					1	1	1				1					1				1					1	4		
12. Cholera nostras																													
13. Other epidemic diseases:																													
a. Yellow fever																													
b. Mumps																													
c. Others																													
14. Pyæmia and septicæmia	6	2					2					3														4	2		
15. Glanders and farcy																													
16. Anthrax																													
17. Rabies																													
*																													
19. Intermittent fever																													
20. Malarial cachexia																													
*																													
22. Tuberculosis: *a.* Of the lungs	101							1		11	20	19	9	12	1	3	4	4		3	1	1				59	42		
b. Of the meninges	10	1	2		1		7	2			1															6	4		
c. Of the peritoneum	3								1	1					1											1	2		
d. Of the skin	1																1									1			
e. Of other organs																													
f. General	15	2	1	1			4				1	2	1	1	2	2	1				1					10	5		
23. Scrofula	1																1										1		
24. Syphilis	1																1									1			
a. Congenital	4	1					1																			2	2		
25. Cancer: *a.* Of the mouth	3															1	1	1								2	1		
b. Of the stomach	6														1	3			1			1				3	3		
c. Of the intestines	4																1	2			1					3	1		
Of the rectum	2																		1	1						1	1		
d. Of the female genital organs	2												1		1												2		
e. Of the breast	6												1	1		2			2								6		
f. Of the skin	1																1									1	0		
g. Others	11															1	3	1		1	3	2				4	7		
26. Rheumatism and gout	5												1	1	1		1	1								3	2		
*																													
28. Diabetes	6							1										1	1	1	2					4	2		

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1900.	AGE.																																SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																																			
29. Exophthalmic goitre																																			
30. Addison's disease																																			
31. Leukemia																																			
32. Anemia, chlorosis	6										2				2	1	1																1	5
33. Other general diseases																																			
34. Alcoholism (acute or chronic)	10											4	4	1						1													7	3
35. Lead poisoning																																			
36. Other chronic poisonings of occupations																																			
37. Other chronic poisonings																																			
Total from general diseases	27	28	13	11	6	4	62	10	1	13	27	29	20	18	23	11	16	11	6	7	7	6											148	131
II. Diseases of the Nervous System and of the Organs of Sense.																																			
38. Encephalitis																																			
39. Simple meningitis	23	12	3	2			17	2				1	1					1					1										9	14
40. Progressive locomotor ataxia																																			
41. Progressive muscular atrophy	1													1																				1	1
42. Cerebral hemorrhage and congestion	27										1				1		1	6	2	8	6		2										13	14
43. Softening of the brain	1																				1												1	
44. Paralysis, without indicated cause	3														1					1			1										1	2
45. General paralysis	2												1		1																		2	
46. Other forms of insanity																																			
47. Epilepsy																																			
48. Non-puerperal eclampsia																																			
49. Convulsions of infants	6	6					6																										5	1
50. Tetanus	1													1																			1	
51. Chorea																																			
52. Other diseases of the nervous system	4											1	1							1	1												2	2
53. Diseases of the eyes																																			
54. Diseases of the ears																																			
Total of the nervous system, etc.,	78	18	3	2			23	2			1	2	3	2	3		1	7	2	9	8	1	4										34	34
III. Diseases of the Circulatory System.																																			
55. Pericarditis	5										1	1		1	1					2	2												5	5
56. Endocarditis	7										1						1	2		2			1										4	3
57. Organic diseases of the heart	28	5			1		6	1			1	2	2				2	3	2	1	3	7	3	1									15	13
58. Angina pectoris	3															1	2																2	1
59. Diseases of the arteries	7															1					2	3		1									6	1
60. Embolism																																			
61. Varices, varicose ulcers, hemorrhoids																																			
62. Phlebitis and other diseases of the veins,																																			
63. Lymphangitis																																			
64. Other diseases of the lymphatic system,																																			
65. Hemorrhage	2											1			1																		2	
66. Other diseases of the circulatory system,	22									2	1		1	1	3	2		4	1	1	1	1											8	14
Total of the circulatory system	77	5			1		6	1		2	4	4	3	2	4	3	3	7	3	4	8	11	3	2	3								42	35

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1900.	AGE.																																SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																																			
67. Diseases of the nasal fossæ																																			
68. Diseases of the larynx and thyroid body,	1	1					1																										1	1
69. Acute bronchitis	4	3					3																1										1	3
70. Chronic bronchitis	6													1		1	1		1			1	1										3	3
71. Broncho-pneumonia	34	11	6	4	2		23	1		1			2	1	1	2		1		1			1										12	22
72. Pneumonia	5		1				1				1	1	1							1													4	1
73. Pleurisy	3														1				1	1													1	2
74. Congestion and apoplexy of lungs	2											2							1															2
75. Gangrene of lungs																																			
76. Asthma and pulmonary emphysema																																			
77. Other diseases of the respiratory system, (phthisis excepted)																																			
Total of the respiratory system	55	15	7	4	2		28	1		1	1	2	3	2	1	4	1	1	3	3		1	3										21	34
V. Diseases of the Digestive System.																																			
78. Diseases of the mouth and adnexa																																			
79. Diseases of the pharynx and esophagus:																																			
a. Pharynx																																			
b. Esophagus																																			
80. Ulcer of stomach																																			
81. Other diseases of the stomach, (cancer excepted)	2											1											1											2
82. Infantile diarrhœa, athrepsia	199	161	23	6	3	2	195	4																									115	84
83. Diarrhœa and enteritis	25												1	2		3		2	4	3	2	4	4										12	13
84. Dysentery																																			
85. Intestinal parasites																																			
86. Hernia, intestinal obstructions	10	2	1				3							2			1			2	1			1									5	5
87. Other diseases of the intestines																																			
88. Acute yellow atrophy of liver																																			
89. Hydatid tumor of the liver																																			
90. Cirrhosis of the liver	8								2			1		1			1	1	1					1									5	3
91. Biliary calculi																																			
92. Other diseases of liver	11							2			3						1	2	2				1										4	7
93. Inflammatory peritonitis, (non-puerperal)	4								1		1				1				1														4	
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),	1										1																						1	
95. Iliac abscess	15							1		4	2	2	1	2	1			2															11	4
Total of the digestive system	275	163	24	6	3	2	198	7	3	4	7	4	2	7	2	3	3	7	8	5	3	4	6	2									137	118
VI. Diseases of the Genito-Urinary System and Adnexa.																																			
96. Acute nephritis	8							1			1	1	3	1	2	3		5	1	4	3	3	1	1									15	15
97. Brights disease	13													2	2	1		2	3	2			1										7	6
98. Perinephritis and perinephritic abscess,																																			
99. Renal calculus																																			
100. Other diseases of the kidneys and adnexa																																			
101. Vesical calculi																																			
102. Diseases of the bladder																																			
103. Diseases of the urethra																																			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for August, 1891.	AGE.																																	SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.									Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																																			
104. Disease of the prostate	3																				1			1		1								3	
105. Disease of the testicle and its envelopes,																																			
106. Other diseases of the male genital organs																																			
107. Abscess of the pelvis																																			
108. Periuterine hematocele																																			
109. Metritis																																			
110. Uterine hemorrhage (non-puerperal)																																			
111. Uterine tumors (non-cancerous)																																			
112. Other diseases of the uterus	1											1																							1
113. Ovarian cysts and tumors																																			
114. Other diseases of the female genital organs																																			
115. Non-puerperal diseases of the breast, (cancer excepted)																																			
Total genito-urinary system, etc.,	47							1			1	2	3	3	4	4		7	4	7	3	4	3	1										25	22
VII. Puerperal Condition.																																			
116. Accidents of pregnancy	1											1																							1
117. Puerperal hemorrhage	1										1																								1
118. Other accidents of labor																																			
119. Puerperal septicemia	3										1	1	1																						3
120. Puerperal metro-peritonitis																																			
121. Puerperal albuminuria and eclampsia,	4										2		1	1																					4
122. Puerperal phlegmasia alba dolens																																			
123. Other accidents of pregnancy	2										1	1																							2
124. Puerperal diseases of the breast																																			
Total puerperal condition	11										5	3	2	1																					11
VIII. Diseases of the Skin and Cellular Tissue.																																			
125. Erysipelas	1	1					1																												1
126. Gangrene																																			
127. Carbuncle																																			
128. Phlegmon, acute abscess																																			
129. Other diseases of the skin and adnexa, (cancer excepted)	3									2								1																1	2
Total of the skin and tissue cellular,	4	1				1				2								1																1	3
IX. Diseases of the Organs of Locomotion.																																			
130. Pott's disease	1	1				1																												1	
131. Cold abscess, symptomatic abscess																																			
132. Other diseases of the bones																																			
133. White swellings																																			
134. Other diseases of the joints																																			
135. Amputation																																			
136. Other diseases of organs of locomotion																																			
Total of organs of locomotion	1	1				1																												1	
X. Malformations.																																			
137. Malformations	1	1				1																													1
Total malformations	1	1				1																													1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1900.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																															
138. Congenital debility, icterus and sclerema	84	80	3			1	84																					44	40
139. Want of care	1	1					1																					1	
140. Other diseases peculiar to infancy	9	9					9																					7	2
Total infantile	94	90	3			1	94																					52	42
XII. Old Age.																															
141. Senile debility	25																	1	1	3	2	4	12	1	1			11	14
Total from old age	25																	1	1	3	2	4	12	1	1			11	14
XIII. External Violence.																															
142. Suicide: *a.* By poison	1										1																	1	
b. By asphyxia																															
c. By strangulation																															
d. By firearms	4											1				1	1					1						4	
e. By cutting instruments	2												1					1										2	
f. By drowning																															
g. By falls	1														1													1	
h. By crushing																															
i. Others																															
142½. Homicide	1													1														1	
143. Fractures	10					1	1		1	1				2	1	2						2						7	3
144. Sprains and dislocations																															
145. Other accidental injuries	1							1																				1	
146. Burns: *a.* By fire	8				1		1	1				2	1		2	1												4	4
b. By corrosive substances																															
147. Sunstroke and freezing	14	3	1	1			5	1					1		1		2	2				1		1				10	4
148. Accidental drowning	2									1				1														2	
149. Inanition																															
150. Inhalation of noxious gases (suicide excepted)	1																		1									1	
151. Other accidental poisoning																															
152. Other external violence	4	2			1		3								1													1	3
Total from external violence	49	5	1	1	2	1	10	3	1	2	1	3	3	4	6	4	3	3	1			4		1				35	14
XIV. Ill-defined Diseases.																															
*																															
*																															
*																															
156. Asphyxia, cyanosis																															
*																															
158. Abdominal tumor	1															1														1	
159. Other tumors																															
160. "Plaie"	7	1					1							3	1	1	1			1								2	5
161. Unknown or not specified diseases	5	1					1							3	1		1	2		1								1	4
Total ill-defined diseases	13	2					2							6	1	2	2	2		1								3	10
Total from all causes,	999	324	51	24	14	8	420	34	5	24	47	49	39	42	43	38	34	44	32	41	31	91	50	8	1	530	469

* Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system). Boston with fourteen other cities and towns. 88,533,000 gallons. Daily capacity of water supply. 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families — now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF AUGUST, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	August, 1900.	August, 1899.	August, 1900.	August, 1899.		August, 1900.	August, 1899.	August, 1900.	August, 1899.
Cholera	—	—	—	—	Measles	90	29	—	—
Chicken-pox	8	—	—	—	Scarlatina	56	74	—	—
Cerebro-spinal Meningitis	3	—	—	—	Small-pox	—	5	—	—
Diphtheria and Croup	311	211	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	91	—	—	—	Typhoid fever	69	115	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,804
Calves "	1,468
Sheep "	1,446
Hogs "	—
Cattle condemned, 11	4,250 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	318 lbs.
Poultry	1,553 "
Fish	375 "

VEGETABLES.

Peas	84 bushels
Peaches	110 baskets
Potatoes	48 bushels

AUGUST, 1900.
BACTERIOLOGICAL LABORATORY.

DIPHTHERIA: EXAMINATION OF CULTURES.

	Positive.	Negative.	No Growth.	Totals.
Primary	115	185	6	306
Secondary	83	159	7	249
Totals	198	344	13	555

Tuberculosis: examinations of sputum 85; Positive 32, Negative 53.
Typhoid fever: examinations of blood by Widal Test 102; Positive 7; Negative 50; Atypical 45.
Malaria: examinations of stained blood preparations 5; Positive 0; Negative 5; Unsat. 0.
Glanders: guinea pigs inoculated from discharges 9; Positive 1; Negative 7; Unsat. 1.
Other diagnostic examinations 1.
Ice inspections 0; Examinations of water 0; Examinations of ice 0.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of August, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.92	72	62	N.	.00
2	30.00	67	59	N.W.	.00
3	30.05	66	58	W.	.00
4	30.21	62	54	N.W.	.00
5	30.23	66	63	N.W.	.00
6	30.04	78	72	W.	*T
7	30.12	70	80	N.	.07
8	30.07	68	92	N.E.-E-S.W.	.31
9	29.92	77	76	W.	.07
10	29.92	82	78	S.W.	.28
11	29.79	86	69	W.	.00
12	29.94	71	86	E.	*T
13	30.02	64	87	E.	*T
14	30.04	60	92	N.	.35
15	30.12	68	88	S.	.18
16	29.96	68	96	S.E.	1.04
17	29.98	73	84	W.	*T
18	30.01	72	68	W.	.00
19	30.02	67	76	N.	.02
20	30.02	60	76	E.	.00
21	29.97	66	85	E.	.00
22	29.91	68	80	W.	.00
23	30.01	68	70	E.	.00
24	30.00	72	88	S.W.	.02
25	29.97	81	88	E.-S.W.	.00
26	29.97	85	74	W.	.00
27	29.95	79	60	N.W.	.00
28	29.95	72	79	E.	.12
29	30.02	70	80	S.W.	.00
30	30.05	77	68	W.	.00
31	30.19	71	73	E.	.00
TOTALS.....	—	—	—	—	2.46
MEANS.....	30.012	71.1	76.1	S.W.	.079

GENERAL ITEMS.

Mean Barometer, 30.012.
Highest Barometer, 30.292 on the 5th.
Lowest Barometer, 29.761 on the 11th.
Monthly Range of Barometer, .531.
Mean Temperature, 71.1.
Highest Temperature, 97 on the 26th.
Lowest Temperature, 52 on the 4th.
Monthly Range of Temperature, 45.
Greatest Daily Range of Temperature, 28 on the 6th.
Least Daily Range of Temperature, 5 on the 13th.
Mean Daily Range of Temperature, 15.8.
Mean Daily Dew-point, 62.2.
Mean Daily Relative Humidity, 76.1.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 6,073 miles.
Highest Velocity of Wind and Direction, 39 W.
Number of Foggy Days, 2. Number of Fair Days, 8.
Number of Clear Days, 14. Number of Cloudy Days, 9.
Total Number of Days on which Rain or Snow fell, 14.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Date of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storms, 6th, 10th, 15th, 27th. Dates of Frosts, none.
Mean Max. Temp., 79.0. Mean Min. Temp., 63.2.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	72	1871	3.08
1872	72	1872	10.68
1873	69	1873	6.21
1874	68	1874	6.67
1875	71	1875	3.50
1876	70	1876	1.23
1877	71	1877	4.49
1878	68	1878	7.96
1879	68	1879	6.71
1880	69	1880	2.80
1881	70	1881	1.23
1882	70	1882	1.46
1883	68	1883	9.39
1884	68	1884	5.01
1885	67	1885	7.64
1886	68	1886	3.64
1887	67	1887	3.05
1888	71	1888	6.53
1889	67	1889	3.95
1890	69	1890	2.70
1891	70	1891	3.87
1892	70	1892	4.87
1893	70	1893	6.46
1894	68	1894	3.93
1895	71	1895	3.24
1896	71	1896	2.15
1897	70	1897	3.95
1898	73	1898	6.38
1899	69	1899	2.52
1900	71	1900	2.46

*T indicates trace of precipitation. Average mean temperature for 30 years, .70. Average monthly precipitation for 30 years, 4.26.

915

[9—'00—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of September, 1900.

Rec'd DEC 11 1900 B.P.L.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of September, 1900 . . . . . 883.
Population by Census, 560,892. Rate per 1,000 inhabitants, 18.89.

Total number	883
SEX.	
Males	420
Females	463
CONDITION.	
Single	532
Married	212
Widowed	134
Divorced	—
Unknown	5
COLOR.	
White	861
Black (Negro or mixed)	18
Indian	—
Chinese	4
Japanese	—
Total deaths of children, Under 1 year	252
Total deaths of children, Under 2 years	302
Total deaths of children, Under 5 years	357
Diarrhœal diseases, Under 1 year	120
Diarrhœal diseases, Under 2 years	141
Diarrhœal diseases, Under 5 years	147
Diarrhœal diseases, All ages	163

NATIVITY.	
United States	611
Ireland	142
England	15
Scotland	4
Germany	13
British America	49
Italy	10
Russia	10
Sweden	4
Other Countries	12
Unknown	13
PARENTAGE.	
United States	204
Irish	282
English	16
Scotch	6
German	19
British American	57
Italian	27
Russian	34
Swedish	5
Other Countries	62
Mixed	84
One parent unknown	38
Unknown	49
Still-births during the month	42

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	16			1	1	1	3			3	3		3	1	2	1										10	6
2. Typhus																											
3. Scurvy																											
4. Small-pox																											
5. Measles	2		1	1			2																				2
6. Scarlet fever	8	2	1	3		2	8																			4	4
7. Whooping-cough	9	4	2	1		1	8	1																		3	6
8. Diphtheria and croup	44	1	4	4	6	8	23	16	2	1	1		1													22	22
9. Influenza																											
10. Miliary Fever																											
11. Asiatic Cholera																											
a. Cholera morbus	4																		2		1			1		2	2
12. Cholera nostras																											
13. Other epidemic diseases:																											
a. Yellow fever																											
b. Mumps																											
c. Others																											
14. Pyæmia and septicæmia	9			1	1		2				2		1	1		1	1			1						5	4
15. Glanders and farcy																											
16. Anthrax																											
17. Rabies																											
*																											
19. Intermittent fever																											
20. Malarial cachexia																											
*																											
22. Tuberculosis: *a.* Of the lungs	78		1		1		2		1	6	8	16	8	7	8	5	8	2	5	1		1				36	42
b. Of the meninges	8	4	2			1	7	1																		5	3
c. Of the peritoneum	3	2					2		1																	2	1
d. Of the skin																											
e. Of other organs																											
f. General	10	2	1				3						1	1	1	2	1						1			7	3
23. Scrofula																											
24. Syphilis	1														1											1	
a. Congenital																											
25. Cancer: *a.* Of the mouth	2																1					1				1	1
b. Of the stomach	5											1		1				1	1	1						4	1
c. Of the intestines	8															1	1	2	3	1						2	6
Of the rectum	1																1									1	
d. Of the female genital organs	2																	1			1						2
e. Of the breast	3														1	1			1								3
f. Of the skin																											
g. Others	16										2					3		3	1	3	2	2				7	9
26. Rheumatism and gout	2															1					1					1	1
*																											
28. Diabetes	5												2	1					1	1						3	2

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
29. Exophthalmic goitre																											
30. Addison's disease																											
31. Leukemia	1							1																		1	
32. Anemia, chlorosis	4		1				1							1	1				1								4
33. Other general diseases																											
34. Alcoholism (acute or chronic)	7											3		2	1			1								4	3
35. Lead poisoning																											
36. Other chronic poisonings of occupations																											
37. Other chronic poisonings																											
Total from general diseases	248	15	13	11	9	13	61	19	4	10	16	20	16	15	15	15	13	10	15	8	4	4	2		1	121	127
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis	1	1					1																				1
39. Simple meningitis	28	14	5	3		2	24	1					1			2										9	19
40. Progressive locomotor ataxia	4			1			1													2	1					3	1
41. Progressive muscular atrophy	1								1																	1	
42. Cerebral hemorrhage and congestion	32	1					1					1			2	2	3	6	1	4	4	2	2	4		13	19
43. Softening of the brain																											
44. Paralysis, without indicated cause	7												1	1	1		2		1					1		2	5
45. General paralysis	1																	1								1	
46. Other forms of insanity																											
47. Epilepsy	2											1			1											1	1
48. Non-puerperal eclampsia																											
49. Convulsions of infants	12	10		2			12																			5	7
50. Tetanus	2							1		1																2	
51. Chorea																											
52. Other diseases of the nervous system	2															1	1										2
53. Diseases of the eyes																											
54. Diseases of the ears	1										1															1	
Total of the nervous system, etc.,	93	26	5	6		2	39	2	1	1	1	2	2	1	4	5	6	7	2	6	6	2	2	4		38	55
III. Diseases of the Circulatory System.																											
55. Pericarditis																											
56. Endocarditis	11								1			1		2	2		1	1	2			1				6	5
57. Organic diseases of the heart	31	3					3			2	1		1	3	2	1	4		1	3	4	4		1	1	15	16
58. Angina pectoris	1																		1							1	
59. Diseases of the arteries	6																1	2	1	1					1	3	3
60. Embolism	3							1								1			1								3
61. Varices, varicose ulcers, hemorrhoids																											
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage																											
66. Other diseases of the circulatory system,	18											3	1	2		3	1	1		3	3			1		13	5
Total of the circulatory system	70	3					3	1	1	2	1	4	2	7	4	5	7	4	6	7	7	5		2	2	38	32

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1900.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																																
67. Diseases of the nasal fossæ																																
68. Diseases of the larynx and thyroid body,																																1
69. Acute bronchitis	5	1					1									1		1	1				1									5
70. Chronic bronchitis	7												1			1			1		4										2	5
71. Broncho-pneumonia	32	3	6	3		1	13	1	3	2	1	1				2	1	1	1	4		2									15	17
72. Pneumonia	12	1		1			2			1		2	1		2	1	1	1		1											4	8
73. Pleurisy	6											2	1	2		1															1	5
74. Congestion and apoplexy of lungs	1																	1														1
75. Gangrene of lungs																																
76. Asthma and pulmonary emphysema																																
77. Other diseases of the respiratory system, (phthisis excepted)	1								1																							1
Total of the respiratory system	64	5	6	4		1	16	1	4	3	1	5	3	2	2	4	4	3	2	7		8		1							22	42
V. Diseases of the Digestive System.																																
78. Diseases of the mouth and adnexa																																
79. Diseases of the pharynx and esophagus:																																
a. Pharynx																																
b. Esophagus																																
80. Ulcer of stomach																																
81. Other diseases of the stomach, (cancer excepted)																																
82. Infantile diarrhœa, athrepsia	147	120	21	4	1	1	147																								74	73
83. Diarrhœa and enteritis	12							1		1				1	1	1	1			3		2		1							5	7
84. Dysentery																																
85. Intestinal parasites																																
86. Hernia, intestinal obstructions	13	3					3	1		1			1	2	1		2	1				1									8	5
87. Other diseases of the intestines																																
88. Acute yellow atrophy of liver																																
89. Hydatid tumor of the liver																																
90. Cirrhosis of the liver	3											1			1			1													2	1
91. Biliary calculi	3																		1	1			1								1	2
92. Other diseases of liver	3		1				1												1		1										1	2
93. Inflammatory peritonitis, (non-puerperal)	12								2	1	1	1	1	3		1	1			1											4	8
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),	2											1	1																			2
95. Iliac abscess	8							1		2		2	1				2														5	3
Total of the digestive system	203	123	22	4	1	1	151	3	2	5	1	5	4	6	3	2	6	2		6	1	4	1	1							100	103
VI. Diseases of the Genito-Urinary System and Adnexa.																																
96. Acute nephritis	24					1	1	1			1	1		2	2	4	2	4	1	1	3		1								9	15
97. Brights disease	14					1	1	1							2	3	1	2		3	1										7	7
98. Perinephritis and perinephritic abscess,																																
99. Renal calculus																																
100. Other diseases of the kidneys and adnexa																																
101. Vesical calculi																																
102. Diseases of the bladder																																
103. Diseases of the urethra																																

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for September, 1900.	AGE.																											SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																													
104. Disease of the prostate	1																				1						1		
105. Disease of the testicle and its envelopes																													
106. Other diseases of the male genital organs																													
107. Abscess of the pelvis	1														1													1	
108. Periuterine hematocele																													
109. Metritis																													
110. Uterine hemorrhage (non-puerperal)																													
111. Uterine tumors (non-cancerous)																													
112. Other diseases of the uterus																													
113. Ovarian cysts and tumors																													
114. Other diseases of the female genital organs																													
115. Non-puerperal diseases of the breast, (cancer excepted)																													
Total genito-urinary system, etc.,	40					2	2	2			1	1		2	4	8	3	6	1	4	5		1			17	23		
VII. Puerperal Condition.																													
116. Accidents of pregnancy	1											1																1	
117. Puerperal hemorrhage																													
118. Other accidents of labor																													
119. Puerperal septicemia	1												1															1	
120. Puerperal metro-peritonitis																													
121. Puerperal albuminuria and eclampsia	5										1	2	1	1														5	
122. Puerperal phlegmasia alba dolens																													
123. Other accidents of pregnancy	1														1													1	
124. Puerperal diseases of the breast																													
Total puerperal condition	8										1	3	2	1	1													8	
VIII. Diseases of the Skin and Cellular Tissue.																													
125. Erysipelas	1															1											1		
126. Gangrene																													
127. Carbuncle																													
128. Phlegmon, acute abscess	1	1				1																					1		
129. Other diseases of the skin and adnexa, (cancer excepted)																													
Total of the skin and tissue cellular,	2	1				1										1											2		
IX. Diseases of the Organs of Locomotion.																													
130. Pott's disease																													
131. Cold abscess, symptomatic abscess																													
132. Other diseases of the bones																													
133. White swellings																													
134. Other diseases of the joints																													
135. Amputation																													
136. Other diseases of organs of locomotion																													
Total of organs of locomotion																													
X. Malformations.																													
137. Malformations	2	2				2																					2		
Total malformations	2	2				2																					2		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																											
138. Congenital debility, icterus and sclerema	73	71	2				73																			42	31
139. Want of care																											
140. Other diseases peculiar to infancy	4	4					4																			2	2
Total infantile	77	75	2				77																			44	33
XII. Old Age.																											
141. Senile debility	29																		1	3	9	8	4	4		8	21
Total from old age	29																		1	3	9	8	4	4		8	21
XIII. External Violence.																											
142. Suicide: *a.* By poison																											
b. By asphyxia	1														1											1	
c. By strangulation																											
d. By firearms																											
e. By cutting instruments																											
f. By drowning																											
g. By falls																											
h. By crushing																											
i. Others																											
142½. Homicide																											
143. Fractures	17							2		1	1	2		3	1	2	1	2				1		1		15	2
144. Sprains and dislocations																											
145. Other accidental injuries	2							1								1										1	1
146. Burns: *a.* By fire	2			1			1	1																		2	
b. By corrosive substances																											
147. Sunstroke and freezing	4		1				1											2				1				2	2
148. Accidental drowning	4											1		1				1					1			4	
149. Inanition																											
150. Inhalation of noxious gases (suicide excepted)	1																	1									1
151. Other accidental poisoning	2		1				1				1															1	1
152. Other external violence	4	1					1				1	1							1							1	3
Total from external violence	37	1	2	1			4	4		1	3	4		4	1	4	1	6	1			1	2	1		27	10
XIV. Ill-defined Diseases.																											
•																											
•																											
•																											
156. Asphyxia, cyanosis																											
•																											
158. Abdominal tumor	2														1					1							2
159. Other tumors																											
160. "Plaie"	3												1		1		1									1	2
161. Unknown or not specified diseases	5	1					1	1					1			1	1									2	3
Total ill-defined diseases	10	1					1	1					2		2	1	2			1						3	7
Total from all causes,	883	252	50	26	10	19	357	33	12	22	25	44	31	38	36	44	43	38	27	40	26	31	16	13	7	420	463

• Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families — now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF SEPTEMBER, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	Sept. 1900.	Sept. 1899.	Sept. 1900.	Sept. 1899.		Sept. 1900.	Sept. 1899.	Sept. 1900.	Sept. 1899.
Cholera	—	—	—	—	Measles	44	13	—	—
Chicken-pox	4	—	—	—	Scarlatina	82	84	—	—
Cerebro-spinal Meningitis	—	3	—	—	Small-pox	—	—	1	—
Diphtheria and Croup	412	256	—	1	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	75	—	—	—	Typhoid fever	101	133	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,668
Calves "	1,665
Sheep "	1,776
Hogs "	—
Cattle condemned, 8	3,375 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	434 lbs.
Poultry	318 "
Ham	343 "
Clams	5 barrels

VEGETABLES.

Peaches	138 baskets

SEPTEMBER, 1900.
BACTERIOLOGICAL LABORATORY.

DIPHTHERIA: EXAMINATION OF CULTURES.

	Positive.	Negative.	No Growth.	Totals.
Primary	171	339	6	516
Secondary	107	236	5	348
Totals	278	575	11	864

Tuberculosis: examinations of sputum 90; Positive 39, Negative 51.
Typhoid fever: examinations of blood by Widal Test 161; Positive 5; Negative 116; Atypical 40
Malaria: examinations of stained blood preparations 0; Positive 0; Negative 2; Unsat. 0.
Glanders: guinea pigs inoculated from discharges 13; Positive 5; Negative 5; Unsat. 3.
Other diagnostic examinations: Gonorrhea 4; Positive 4.
Ice inspections 0; Examinations of water 0; Examinations of ice 0.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of September, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.37	66	75	E.	.00
2	30.28	75	80	S.W.	.00
3	30.13	80	79	S.W.	.00
4	30.15	80	64	N.	.00
5	30.16	70	60	N.W.	.00
6	29.88	80	70	S.W.	.13
7	30.10	68	70	E.	.00
8	30.20	64	75	E.	.00
9	30.06	72	71	E.	.00
10	30.18	65	62	E.	.00
11	29.96	70	85	S.	*T
12	29.53	76	64	S.W.	.00
13	29.95	60	72	N.W.	.00
14	30.00	68	60	W.	.00
15	30.16	58	74	E.-S.E.	.00
16	29.79	56	94	E.	1.38
17	29.69	60	98	W.	.22
18	29.84	58	82	N.W.	2.18
19	30.35	50	65	E.	.00
20	30.26	56	81	S.W.-S.	*T
21	30.00	66	90	S.W.	*T
22	29.93	63	79	W.	.46
23	29.89	61	80	W.-N.W.	*T
24	30.04	64	74	N.W.	.00
25	30.29	60	75	E.	.00
26	30.21	58	86	E.	.00
27	30.09	66	86	S.W.	.00
28	30.22	60	92	N.E.	.03
29	30.13	56	90	E.	*T
30	30.13	62	96	E.	.22
31					
TOTALS.....	901.97	1,948	2,329	—	4.62
MEANS.....	30.07	64.9	77.6	—	.154

GENERAL ITEMS.

Mean Barometer, 30.06.
Highest Barometer, 30.38 on the 1st.
Lowest Barometer, 29.44 on the 12th.
Monthly Range of Barometer, .94.
Mean Temperature, 65.
Highest Temperature, 91 on the 6th.
Lowest Temperature, 44 on the 19th.
Monthly Range of Temperature, 47.
Greatest Daily Range of Temperature, 26 on the 14th.
Least Daily Range of Temperature, 5 on the 16th.
Mean Daily Range of Temperature, 14.6.
Mean Daily Dew-point, 56.5.
Mean Daily Relative Humidity, 77.4.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 6,871 miles.
Highest Velocity of Wind and Direction, 52 W. 12
Number of Foggy Days, 0. Number of Fair Days, 10.
Number of Clear Days, 12. Number of Cloudy Days, 8.
Total Number of Days on which Rain or Snow fell, 7.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Date of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storm, 21st. Dates of Frosts, none.
Mean Max. Temp., 72.3. Mean Min. Temp., 57.7.

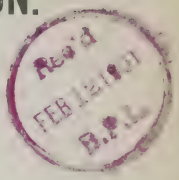
MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	59	1871	1.30
1872	64	1872	6.04
1873	62	1873	2.91
1874	64	1874	2.05
1875	59	1875	3.12
1876	59	1876	3.84
1877	64	1877	3.60
1878	63	1878	3.47
1879	61	1879	1.84
1880	64	1880	2.36
1881	66	1881	2.50
1882	63	1882	10.93
1883	59	1883	1.50
1884	66	1884	0.31
1885	60	1885	1.70
1886	63	1886	2.73
1887	60	1887	6.97
1888	60	1888	6.77
1889	63	1889	3.19
1890	63	1890	5.04
1891	67	1891	2.29
1892	62	1892	1.90
1893	60	1893	1.59
1894	65	1894	2.14
1895	66	1895	1.53
1896	62	1896	6.40
1897	63	1897	2.38
1898	66	1898	1.93
1899	63	1899	5.69
1900	65	1900	4.62

*T indicates trace of precipitation. Average mean temperature for 30 years, .63. Average monthly precipitation for 30 years, 3.20.

915

[9—'00—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of October, 1900 . . . . . 892.
Population by Census, 560,892. Rate per 1,000 inhabitants, 19.08.

Total number	892
SEX.	
Males	456
Females	436
CONDITION.	
Single	481
Married	264
Widowed	138
Divorced	5
Unknown	4
COLOR.	
White	865
Black (Negro or mixed)	27
Indian	—
Chinese	—
Japanese	—
Total deaths of children, Under 1 year	207
Total deaths of children, Under 2 years	250
Total deaths of children, Under 5 years	293
Diarrhœal diseases, Under 1 year	61
Diarrhœal diseases, Under 2 years	71
Diarrhœal diseases, Under 5 years	75
Diarrhœal diseases, All ages	85

NATIVITY.	
United States	595
Ireland	153
England	28
Scotland	5
Germany	13
British America	45
Italy	8
Russia	15
Sweden	8
Other Countries	12
Unknown	10
PARENTAGE.	
United States	212
Irish	288
English	25
Scotch	7
German	21
British American	49
Italian	20
Russian	36
Swedish	13
Other Countries	46
Mixed	78
One parent unknown	40
Unknown	57
Still-births during the month	57

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1900.	AGE.																														SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
1. General Diseases.																																	
1. Typhoid Fever	18								1	1	2	3	2	4	2	2		1														10	8
2. Typhus																																	
3. Scurvy	1			1			1																										1
4. Small-pox																																	
5. Measles	3	1	1	1			3																									1	2
6. Scarlet fever	4		1		1	1	3	1																								3	1
7. Whooping-cough	5	2		2	1		5																									1	4
8. Diphtheria and croup	49	2	6	3	6	4	21	24	2			1				1																25	24
9. Influenza																																	
10. Miliary Fever																																	
11. Asiatic Cholera																																	
a. Cholera morbus	2																	1	1													1	1
12. Cholera nostras																																	
13. Other epidemic diseases:																																	
a. Yellow fever																																	
b. Mumps																																	
c. Others																																	
14. Pyæmia and septicæmia	5							1		1						1			1		1											2	3
15. Glanders and farcy																																	
16. Anthrax																																	
17. Rabies																																	
•																																	
19. Intermittent fever	2	2					2																									1	1
20. Malarial cachexia																																	
•																																	
22. Tuberculosis: *a.* Of the lungs	103	1				1	2			9	13	15	14	14	13	6	7	5	2	1	1	1										54	49
b. Of the meninges	13	4	4	1	1		10	1				1			1																10	3
c. Of the peritoneum																																	
d. Of the skin																																	
e. Of other organs	4	2					2					1						1														2	2
f. General	13			2	1		3				2	3	3		1		1															7	6
23. Scrofula																																	
24. Syphilis	1														1																	1	
a. Congenital	2	2					2																									2	
25. Cancer: *a.* Of the mouth	2																	1	1													2	
b. Of the stomach	13												1	3	1	1	2	2	1	1	1											6	7
c. Of the intestines	4											1				1			2													3	1
Of the rectum																																	
d. Of the female genital organs	9											1		1	2	2	1		1		1												9
e. Of the breast	2																1			1													2
f. Of the skin	1															1																1	
g. Others	13											1				4	2	2			3	1										2	11
26. Rheumatism and gout																																	
•																																	
28. Diabetes	8											1		2				3	1	1												6	2

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
29. Exophthalmic goitre																											
30. Addison's disease	1											1															1
31. Leukemia	2		1				1								1												2
32. Anemia, chlorosis	2																2									1	1
33. Other general diseases																											
34. Alcoholism (acute or chronic)	8										1	1	1		1	2	2									7	1
35. Lead poisoning																											
36. Other chronic poisonings of occupations																											
37. Other chronic poisonings																											
Total from general diseases	290	16	14	9	10	6	55	27	3	11	18	30	20	22	25	21	15	15	13	4	8	3				148	142
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis	2	1			1		2																			1	1
39. Simple meningitis	20	8	3			2	13	1				1	1			2	1			1						12	8
40. Progressive locomotor ataxia	3												1			1			1							2	1
41. Progressive muscular atrophy	3											1		1						1						2	1
42. Cerebral hemorrhage and congestion	32	1					1				1		1	1	1	2	2	3	4	10		4	2			15	17
43. Softening of the brain																											
44. Paralysis, without indicated cause	6	1					1								1		1			2		1				1	5
45. General paralysis	2															1						1				1	1
46. Other forms of insanity	1																							1		1	
47. Epilepsy	1								1																		1
48. Non-puerperal eclampsia																											
49. Convulsions of infants	7	6	1				7																			6	1
50. Tetanus																											
51. Chorea																											
52. Other diseases of the nervous system	5	1					1	1			1					1	1									3	2
53. Diseases of the eyes																											
54. Diseases of the ears	2	1					1							1												1	1
Total of the nervous system, etc.,	84	19	4		1	2	26	2	1		2	2	3	3	2	7	5	3	5	14		4	4	1		45	39
III. Diseases of the Circulatory System.																											
55. Pericarditis																											
56. Endocarditis	10								1		1					1	2	2		1		2				5	5
57. Organic diseases of the heart	39	4					4	2		1	2	3	1		2	3	1	3	2	5	4	2	1	1		23	16
58. Angina pectoris	5												1		1		2						1			1	4
59. Diseases of the arteries	5													1			1			2	1					5	
60. Embolism																											
61. Varices, varicose ulcers, hemorrhoids																											
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage																											
66. Other diseases of the circulatory system,	46									1	1	1	2	2	4	3	5	4	7	2	3	6	5			24	22
Total of the circulatory system	105	4					4	2	1	2	4	4	4	3	7	9	11	9	9	10	8	8	9	1		58	47

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1880.	AGE.																											SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																														
67. Diseases of the nasal fossæ																														
68. Diseases of the larynx and thyroid body,																														
69. Acute bronchitis	9	4	2		1		7											1		1								2	7
70. Chronic bronchitis	9												1			1	1	1		1	1		2	1				3	6
71. Broncho-pneumonia	44	6	7	2	3	1	19	1		3	1	1	2	4		2	3	1	2			2	1	1	1			27	17
72. Pneumonia	10	1					1					1	1	2		1	1		2	1								5	5
73. Pleurisy	3															1	1		1									2	1
74. Congestion and apoplexy of lungs	2															1									1			1	1
75. Gangrene of lungs																														
76. Asthma and pulmonary emphysema	1																					1							1
77. Other diseases of the respiratory system (phthisis excepted)	2														1					1								1	1
Total of the respiratory system	80	11	9	2	4	1	27	1		3	1	2	4	6	1	6	6	3	5	3	2	3	3	2	2			41	39
V. Diseases of the Digestive System.																														
78. Diseases of the mouth and adnexa																														
79. Diseases of the pharynx and esophagus:																														
a. Pharynx																														
b. Esophagus																														
80. Ulcer of stomach																														
81. Other diseases of the stomach (cancer excepted)	3								1					1			1												3
82. Infantile diarrhœa, athrepsia	75	61	10	3	1		75																					33	42
83. Diarrhœa and enteritis	8										1			1	1					1	1	1	2					4	4
84. Dysentery																														
85. Intestinal parasites																														
86. Hernia, intestinal obstructions	4	1					1									1			1				1						4
87. Other diseases of the intestines																														
88. Acute yellow atrophy of liver																														
89. Hydatid tumor of the liver																														
90. Cirrhosis of the liver	5															1	2	1		1								2	3
91. Biliary calculi	2														1				1										2
92. Other diseases of liver	4	1					1									1		1		1								1	3
93. Inflammatory peritonitis (non-puerperal)	10	2					2				3	2	1			1				1								7	3
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),																														
95. Iliac abscess	6							2	1		2			1														2	4
Total of the digestive system	117	65	10	3	1		79	2	2		4	4	1	3	2	4	3	2	2	4	1	1	3					49	68
VI. Diseases of the Genito-Urinary System and Adnexa.																														
96. Acute nephritis	19											3	2	4	1	1	2	2	2	2								7	12
97. Bright's disease	11									1		1			1	2	2	2			1		1					6	5
98. Perinephritis and perinephritic abscess,																														
99. Renal calculus																														
100. Other diseases of the kidneys and adnexa																														
101. Vesical calculi																														
102. Diseases of the bladder	1																	1											1
103. Diseases of the urethra																														

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for October, 1880.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																															
104. Disease of the prostate	4																1		2				1		4	
105. Disease of the testicle and its envelopes,																															
106. Other diseases of the male genital organs																															
107. Abscess of the pelvis	1													1																1	
108. Periuterine hematocele																															
109. Metritis																															
110. Uterine hemorrhage (non-puerperal)																															
111. Uterine tumors (non-cancerous)	1																1													1	
112. Other diseases of the uterus																															
113. Ovarian cysts and tumors	1															1														1	
114. Other diseases of the female genital organs																															
115. Non-puerperal diseases of the breast (cancer excepted)																															
Total genito-urinary system, etc.,	38									1		4	2	4	3	3	5	7	2	4	1		1	1		17	21
VII. Puerperal Condition.																															
116. Accidents of pregnancy	3										1			2																3	
117. Puerperal hemorrhage																															
118. Other accidents of labor																															
119. Puerperal septicemia	4										1	1	2																	4	
120. Puerperal metro-peritonitis																															
121. Puerperal albuminuria and eclampsia,	5									1	1	1	1	1																5	
122. Puerperal phlegmasia alba dolens																															
123. Other accidents of pregnancy	1										1																			1	
124. Puerperal diseases of the breast																															
Total puerperal condition	13									1	4	2	3	3																13	
VIII. Diseases of the Skin and Cellular Tissue.																															
125. Erysipelas	1	1					1																							1	
126. Gangrene																															
127. Carbuncle																															
128. Phlegmon, acute abscess																															
129. Other diseases of the skin and adnexa (cancer excepted)	1																				1					1					
Total of the skin and tissue cellular,	2	1					1														1					1	1				
IX. Diseases of the Organs of Locomotion.																															
130. Pott's disease																															
131. Cold abscess, symptomatic abscess																															
132. Other diseases of the bones	1	1					1																			1					
133. White swellings																															
134. Other diseases of the joints																															
135. Amputation																															
136. Other diseases of organs of locomotion																															
Total of organs of locomotion	1	1					1																			1					
X. Malformations.																															
137. Malformations	2	2					2																			2					
Total malformations	2	2					2																			2					

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1900.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																													
138. Congenital debility, icterus and sclerema	79	74	4	1			79																			48	31
139. Want of care																													
140. Other diseases peculiar to infancy	9	9					9																			6	3
Total infantile	88	83	4	1			88																			54	34
XII. Old Age.																													
141. Senile debility	22																	1	1	1	2	4	5	6	2	6	16
Total from old age																													
XIII. External Violence.																													
142. Suicide: *a.* By poison	4									1		2	1														4		
b. By asphyxia	1																	1								1			
c. By strangulation	1													1												1			
d. By firearms	1																1									1			
e. By cutting instruments	1													1												1			
f. By drowning	1																	1									1		
g. By falls																													
h. By crushing																													
i. Others																													
142½. Homicide	1																1									1			
143. Fractures	12			1			1		1	1			1	1	3	1			1				2			9	3		
144. Sprains and dislocations																													
145. Other accidental injuries	9	1					1		1			2		2	1			1			1					8	1		
146. Burns: *a.* By fire	4		1		2		3					1														1	3		
b. By corrosive substances																													
147. Sunstroke and freezing																													
148. Accidental drowning	3								1					1	1											3			
149. Inanition																													
150. Inhalation of noxious gases (suicide excepted)																													
151. Other accidental poisoning	1		1				1																				1		
152. Other external violence	5	1					1	1	1								2									4	1		
Total from external violence	44	2	2	1	2		7	1	4	2		5	2	6	5	1	4	3	1		1		2			30	14		
XIV. Ill-defined Diseases.																													
*																													
*																													
*																													
156. Asphyxia, cyanosis																													
*																													
158. Abdominal tumor																													
159. Other tumors																													
160. "Plate"	1													1												1			
161. Unknown or not specified diseases	5	3					3								1		1			1						3	2		
Total ill-defined diseases	6	3					3							1	1		1			1						4	2		
Total from all causes,	892	207	43	16	13	9	293	35	11	20	33	53	30	51	45	52	49	43	38	41	23	24	27	11	4	456	436		

* Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families — now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF OCTOBER, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	October, 1900.	October, 1899.	October, 1900.	October, 1899.		October, 1900.	October, 1899.	October, 1900.	October, 1899.
Cholera	—	—	—	—	Measles	79	22	—	—
Chicken-pox	18	—	—	—	Scarlatina	103	121	—	—
Cerebro-spinal Meningitis	4	4	—	—	Small-pox	—	—	—	—
Diphtheria and Croup	626	324	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	117	—	—	—	Typhoid fever	110	156	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	2,650
Calves "	1,966
Sheep "	1,305
Hogs "	—
Cattle condemned, 25	10,535 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	2,094 lbs.
Poultry	5,509 "
1 Bear	300 "

VEGETABLES.

Peppers	8 barrels
Turnips	1 barrel

OCTOBER, 1900.

BACTERIOLOGICAL LABORATORY.

	Positive.	Negative.	No Growth.	Totals.
Primary	301	657	3	961
Secondary	351	463	2	816
Totals	652	1,120	5	1,777

Tuberculosis: examinations of sputum 105; Positive 47, Negative 58.
Typhoid fever: examinations of blood by Widal Test 139; Positive 4; Negative 102; Atypical 33.
Malaria: examinations of stained blood preparations 6; Positive 1; Negative 4; Unsat. 1.
Glanders: guinea pigs inoculated from discharges 0; Positive 4; Negative 9; Unsat. 4.
Other diagnostic examinations: Gonorrhea 6; Positive 2; Negative 4.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of October, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	30.38	66	97	N.E.	.00
2	30.50	64	90	N.E.	.00
3	30.41	60	96	N.E.	*T
4	30.22	74	94	S.W.	*T
5	30.04	82	84	S.W.	.01
6	30.24	58	97	N.E.	*T
7	30.25	58	96	N.S.	.03
8	30.07	70	90	S.	.07
9	30.18	54	95	N.E.	1.40
10	30.00	47	94	N.	.79
11	29.77	52	62	N.W.	.14
12	29.96	64	64	W.	.00
13	30.15	60	80	N.E.	.00
14	29.94	56	98	N.E.	.44
15	29.96	60	83	N.W.	*T
16	29.76	59	79	S.W.	.04
17	30.13	44	60	N.W.	.00
18	29.88	50	66	W.	.00
19	30.15	42	59	N.	*T
20	30.32	42	62	N.W.	.00
21	30.16	57	72	S.W.	.00
22	30.19	66	68	S.W.	.00
23	30.30	70	82	S.W.	.00
24	30.25	70	80	N.W.	.06
25	30.54	55	84	N.E.	.00
26	30.39	52	91	S.	.00
27	30.20	56	96	N.E.	*T
28	30.21	52	97	N.E.	.43
29	30.06	52	96	N.	*T
30	30.19	51	88	N.E.	*T
31	30.53	46	77	N.E.	.00
TOTALS.....	935.33	1,756	2,577	—	3.41
MEANS.....	30.17	56.6	83	N.E.	.11

GENERAL ITEMS.

Mean Barometer, 30.17.
Highest Barometer, 30.54 on the 31st.
Lowest Barometer, 29.68 on the 16th.
Monthly Range of Barometer, .86.
Mean Temperature, 55.
Highest Temperature, 82 on the 5th.
Lowest Temperature, 32 on the 20th.
Monthly Range of Temperature, 50.
Greatest Daily Range of Temperature, 34 on the 16th.
Least Daily Range of Temperature, 2 on the 28th.
Mean Daily Range of Temperature, 13.6.
Mean Daily Dew-point, 49.8.
Mean Daily Relative Humidity, 83.2.
Prevailing Direction of Wind, N.E. 24.%
Total Movement of Wind, 7,775 miles.
Highest Velocity of Wind and Direction, 38 N.E. on 14th.
Number of Foggy Days, 5.* Number of Fair Days, 5.
Number of Clear Days, 10. Number of Cloudy Days, 16.
Total Number of Days on which Rain or Snow fell, 19.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, 22.
Thunder Storm, none. Dates of Frosts, 20th, killing.
Mean Max. Temp., 63.5. Mean Min. Temp., 49.8.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	54	1871	5.88
1872	52	1872	4.85
1873	53	1873	5.33
1874	53	1874	1.39
1875	40	1875	4.99
1876	48	1876	1.66
1877	51	1877	8.84
1878	55	1878	6.76
1879	56	1879	0.91
1880	51	1880	3.15
1881	53	1881	2.84
1882	55	1882	2.29
1883	47	1883	6.40
1884	52	1884	3.17
1885	51	1885	5.72
1886	52	1886	3.27
1887	51	1887	2.53
1888	49	1888	3.58
1889	48	1889	3.31
1890	51	1890	5.63
1891	52	1891	5.56
1892	53	1892	2.31
1893	55	1893	2.94
1894	54	1894	5.11
1895	50	1895	6.19
1896	50	1896	3.15
1897	54	1897	0.41
1898	54	1898	7.17
1899	54	1899	2.40
1900	55	1900	3.41

*T indicates trace of precipitation. Average mean temperature for 30 years, .52. Average monthly precipitation for 30 years, 4.04. * Days with fog.

915

[12—'00—70—300.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of November, 1900 . . . . . 839.
Population by Census, 560,892. Rate per 1,000 inhabitants, 17.95.

Total number	839
SEX.	
Males	420
Females	419
CONDITION.	
Single	433
Married	247
Widowed	144
Divorced	8
Unknown	7
COLOR.	
White	813
Black (Negro or mixed)	25
Indian	—
Chinese	1
Japanese	—
Total deaths of children, Under 1 year	149
Total deaths of children, Under 2 years	181
Total deaths of children, Under 5 years	252
Diarrhœal diseases, Under 1 year	26
Diarrhœal diseases, Under 2 years	30
Diarrhœal diseases, Under 5 years	31
Diarrhœal diseases, All ages	34

NATIVITY.	
United States	568
Ireland	143
England	12
Scotland	7
Germany	11
British America	61
Italy	5
Russia	9
Sweden	4
Other Countries	4
Unknown	15
PARENTAGE.	
United States	198
Irish	254
English	19
Scotch	15
German	22
British American	49
Italian	24
Russian	23
Swedish	6
Other Countries	54
Mixed	80
One parent unknown	42
Unknown	53
Still-births during the month	41

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1890.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																
1. Typhoid Fever	16									1	4	4	3	2		1		1												9	7
2. Typhus																																
3. Scurvy																																
4. Small-pox																																
5. Measles	2	1		1			2																								2	
6. Scarlet fever	13	1		5	2	4	12		1																						1	12
7. Whooping-cough	6	1	3	1		1	6																								2	4
8. Diphtheria and croup	62	3	4	11	10	7	35	18	7				1					1													27	35
9. Influenza																																
10. Miliary Fever																																
11. Asiatic Cholera																																
a. Cholera morbus																																
12. Cholera nostras																																
13. Other epidemic diseases:																																
a. Yellow fever																																
b. Mumps																																
c. Others																																
14. Pyæmia and septicæmia	6		1				1			1		1			2					1										2	4
15. Glanders and farcy																																
16. Anthrax																																
17. Rabies																																
*																																
19. Intermittent fever	1	1					1																								1	
20. Malarial cachexia																																
*																																
22. Tuberculosis: *a.* Of the lungs	85			1			1	1	1	5	7	15	14	12	8	6	5	4	2	2	1		1			47	38
b. Of the meninges	10	3	2	3		1	9	1																		6	4
c. Of the peritoneum	1		1				1																			1	
d. Of the skin																																
e. Of other organs																																
f. General	19	2					2	2		1	2	5		1	2		2	1			1					12	7
23. Scrofula																																
24. Syphilis																																
a. Congenital	4	2	1	1			4																			2	2
25. Cancer: *a.* Of the mouth	2																		1				1			1	1
b. Of the stomach	11											1				1	1	2	2	1	3					5	6
c. Of the intestines	5																1	2	1		1					1	4
Of the rectum	2												1				1									1	1
d. Of the female genital organs	11												2		1	2	5	1									11
e. Of the breast	1											1															1
f. Of the skin																											
g. Others	11												1		1	3		2	1	2		1				5	6
26. Rheumatism and gout	3																1				1		1			2	1
*																											
28. Diabetes	6										1		1					1		2		1				5	1

* Diseases not mentioned in the mortality of Massachusetts.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—*Concluded.*																											
29. Exophthalmic goitre																											
30. Addison's disease																											
31. Leukemia	1	1					1																				1
32. Anemia, chlorosis	3												1			1			1								3
33. Other general diseases																											
34. Alcoholism (acute or chronic)	4												2		1					1						2	2
35. Lead poisoning																											
36. Other chronic poisonings of occupations																											
37. Other chronic poisonings																											
Total from general diseases	285	15	12	23	12	13	75	22	9	8	14	27	25	16	15	14	16	15	8	9	7	2	2	1		134	151
II. Diseases of the Nervous System and of the Organs of Sense.																											
38. Encephalitis																											
39. Simple meningitis	18	3	6	1			10	1				1		3	1	1	1									10	8
40. Progressive locomotor ataxia	1																		1							1	
41. Progressive muscular atrophy																											
42. Cerebral hemorrhage and congestion	41											1			3	2	3	8	5	7	6	4	2			23	18
43. Softening of the brain	2																					2					2
44. Paralysis, without indicated cause	4																		1	2	1					2	2
45. General paralysis	5												2		1	1							1			1	4
46. Other forms of insanity	3																		3								3
47. Epilepsy	1												1													1	
48. Non-puerperal eclampsia																											
49. Convulsions of infants	2	2					2																				2
50. Tetanus																											
51. Chorea																											
52. Other diseases of the nervous system	10			1			1	1		1		1		1	4							1				2	8
53. Diseases of the eyes																											
54. Diseases of the ears	1	1					1																				1
Total of the nervous system, etc.,	88	6	6	2			14	2		1		3	3	4	9	4	4	8	10	9	7	7	3			40	48
III. Diseases of the Circulatory System.																											
55. Pericarditis	2							1										1								2	
56. Endocarditis	11										1		1	1		1	2	1	1	2		1				2	9
57. Organic diseases of the heart	35	5					5		2	2		1		2	2	2	3	2	5	3	3	1	1	1		19	16
58. Angina pectoris	6																1	1	1	2		1				4	2
59. Diseases of the arteries	9													2					2	4	1					4	5
60. Embolism																											
61. Varices, varicose ulcers, hemorrhoids																											
62. Phlebitis and other diseases of the veins,																											
63. Lymphangitis																											
64. Other diseases of the lymphatic system,																											
65. Hemorrhage																											
66. Other diseases of the circulatory system,	31										2	3	2	1	1	3	1	3	3	7		3	2			22	9
Total of the circulatory system	94	5					5	1	2	2	3	4	3	6	3	6	7	8	12	18	4	6	3	1		33	41

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																											
67. Diseases of the nasal fossæ																											
68. Diseases of the larynx and thyroid body,																											
69. Acute bronchitis	7	3		1	1		5			1												1			5	2
70. Chronic bronchitis	6	1					1											1	1	1	2				3	3
71. Broncho-pneumonia	52	12	4	7	3		26	1			1	2	2		1	2	3	2	4	3	2	1	1	1	22	30
72. Pneumonia	14		1				1					1	3		2		1		1	3			1	1	7	7
73. Pleurisy	6													1			1		1		1	2			3	3
74. Congestion and apoplexy of lungs																											
75. Gangrene of lungs																											
76. Asthma and pulmonary emphysema																											
77. Other diseases of the respiratory system (phthisis excepted)																											
Total of the respiratory system	85	16	5	8	4		33	1		1	1	3	5	1	3	2	5	2	7	7	4	5	3	2	40	45
V. Diseases of the Digestive System.																											
78. Diseases of the mouth and adnexa																											
79. Diseases of the pharynx and esophagus:																											
a. Pharynx	1				1		1																		1	
b. Esophagus																											
80. Ulcer of stomach	1														1										1	
81. Other diseases of the stomach (cancer excepted)	6	1					1							1		2		1			1				3	3
82. Infantile diarrhœa, athrepsia	30	25	4	1			30																		18	12
83. Diarrhœa and enteritis	2																	1			1				1	1
84. Dysentery	2	1					1															1			1	1
85. Intestinal parasites																											
86. Hernia, intestinal obstructions	2																		1			1			1	1
87. Other diseases of the intestines	1													1											1	
88. Acute yellow atrophy of liver																											
89. Hydatid tumor of the liver																											
90. Cirrhosis of the liver	9													3		1	2	1	2						4	5
91. Biliary calculi	2															1			1							2
92. Other diseases of liver	6	1					1				1					1	1				2				2	4
93. Inflammatory peritonitis (non-puerperal)	11											1	2	4		2	1		1						1	10
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),																											
95. Iliac abscess	5								1	1	1	1		1											4	1
Total of the digestive system	78	28	4	1	1		34		1	1	2	2	2	10	1	7	4	3	5		2	2	2		38	40
VI. Diseases of the Genito-Urinary System and Adnexa.																											
96. Acute nephritis	16									1	1	1		1	2	2	1	2	2	1	2				8	8
97. Bright's disease	9														2		1	1	2	1	1			1	6	3
98. Perinephritis and perinephritic abscess,	1																						1		1	
99. Renal calculus																											
100. Other diseases of the kidneys and adnexa	1																		1						1	
101. Vesical calculi																											
102. Diseases of the bladder																											
103. Diseases of the urethra																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for November, 1900.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																													
104. Disease of the prostate	1																		1							1			
105. Disease of the testicle and its envelopes,																													
106. Other diseases of the male genital organs																													
107. Abscess of the pelvis																													
108. Periuterine hematocele																													
109. Metritis																													
110. Uterine hemorrhage (non-puerperal)	2													1	1														2
111. Uterine tumors (non-cancerous)																													
112. Other diseases of the uterus																													
113. Ovarian cysts and tumors																													
114. Other diseases of the female genital organs																													
115. Non-puerperal diseases of the breast (cancer excepted)	1															1													1
Total genito-urinary system, etc.,	31									1	1	1		2	5	3	2	3	5	3	3		1		1	17	14
VII. Puerperal Condition.																													
116. Accidents of pregnancy																													
117. Puerperal hemorrhage	1											1																	1
118. Other accidents of labor																													
119. Puerperal septicemia	3										1			1	1														3
120. Puerperal metro-peritonitis																													
121. Puerperal albuminuria and eclampsia,	1										1																		1
122. Puerperal phlegmasia alba dolens																													
123. Other accidents of pregnancy																													
124. Puerperal diseases of the breast																													
Total puerperal condition	5										2	1		1	1														5
VIII. Diseases of the Skin and Cellular Tissue.																													
125. Erysipelas	3																		1		2					2	1		
126. Gangrene																													
127. Carbuncle																													
128. Phlegmon, acute abscess	1													1															1
129. Other diseases of the skin and adnexa (cancer excepted)																													
Total of the skin and tissue cellular,	4													1					1		2					2	2		
IX. Diseases of the Organs of Locomotion.																													
130. Pott's disease																													
131. Cold abscess, symptomatic abscess																													
132. Other diseases of the bones	1							1																					1
133. White swellings																													
134. Other diseases of the joints																													
135. Amputation																													
136. Other diseases of organs of locomotion																													
Total of organs of locomotion	1							1																					1
X. Malformations.																													
137. Malformations	1	1					1																			1			
Total malformations	1	1					1																			1			

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1900.	AGE.																							SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																										
138. Congenital debility, icterus and sclerema	73	67	3	2	1		73																		36	37
139. Want of care																										
140. Other diseases peculiar to infancy	6	6					6																		4	2
Total infantile	79	73	3	2	1		79																		40	39
XII. Old Age.																										
141. Senile debility	28																	2	1	5	7	5	5	3	10	18
Total from old age	28																	2	1	5	7	5	5	3	10	18
XIII. External Violence.																										
142. Suicide: *a.* By poison	3												1			1		1							2	1
b. By asphyxia	1												1												1	
c. By strangulation																										
d. By firearms	1														1										1	
e. By cutting instruments	1														1										1	
f. By drowning																										
g. By falls																										
h. By crushing																										
i. Others																										
142½. Homicide	1										1														1	
143. Fractures	8												1	2		3		1			1				7	1
144. Sprains and dislocations																										
145. Other accidental injuries	18							2	1	2	1		3	1	2	2		2	1	1					17	1
146. Burns: *a.* By fire	8	1	1		2		4	1			1							1	1						2	6
b. By corrosive substances	1				1		1																		1	
147. Sunstroke and freezing																										
148. Accidental drowning	2																1	1							2	
149. Inanition																										
150. Inhalation of noxious gases (suicide excepted)	1										1														1	
151. Other accidental poisoning	1		1				1																		1	
152. Other external violence	2	1					1					1													2	
Total from external violence	48	2	2		3		7	3	1	2	4	1	4	5	4	5	2	5	3	1	1				39	9
XIV. Ill-defined Diseases.																										
*																										
*																										
*																										
156. Asphyxia, cyanosis																										
*																										
158. Abdominal tumor	1														1										1	
159. Other tumors	2																2								1	1
160. "Plaie"	1										1															1
161. Unknown or not specified diseases	8	3				1	4				1					2			1						4	4
Total ill-defined diseases	12	3				1	4				2				1	2	2		1						6	6
Total from all causes,	889	149	32	36	21	14	252	30	13	16	29	42	42	46	42	45	42	44	54	48	33	31	19	9	4	420	419

* Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families—now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF NOVEMBER, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	Nov. 1900.	Nov. 1899.	Nov. 1900.	Nov. 1899.		Nov. 1900.	Nov. 1899.	Nov. 1900.	Nov. 1899.
Cholera	—	—	—	—	Measles	80	103	—	—
Chicken-pox	22	—	—	—	Scarlatina	158	162	—	—
Cerebro-spinal Meningitis	—	3	—	—	Small-pox	—	—	—	—
Diphtheria and Croup	706	327	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	102	—	—	—	Typhoid fever	70	162	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,529
Calves "	1,474
Sheep "	2,789
Hogs "	—
Cattle condemned, 31	12,425 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	441 lbs.
Poultry	7,787 "
Pork	425 "
Pigeons	144

VEGETABLES.

Cranberries	425 quarts
Potatoes	27 bushels

NOVEMBER, 1900.
BACTERIOLOGICAL LABORATORY.

	Positive.	Negative.	No Growth.	Totals.
Diphtheria; — Examination of cultures	920	1,436	7	2,363
Totals	920	1,436	7	2,363

Tuberculosis: examinations of sputum 105; Positive 43, Negative 62.
Typhoid fever: examinations of blood by Widal Test 102; Positive 8; Negative 67; Unsat. 27.
Malaria: examinations of stained blood preparations 7; Positive 1; Negative 4; Unsat. 2.
Glanders: guinea pigs inoculated from discharges 0; Positive 4; Negative 7; Unsat. 6.
Other diagnostic examinations: Gonorrhea 0; Positive 0; Negative 1.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of November, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.32	55	83	S.	*T
2	30.20	62	84	W.	*T
3	30.25	50	82	N.W.	.00
4	30.03	47	86	N.	.00
5	29.77	50	76	W.-N.W.	.00
6	30.01	49	63	W.	.00
7	30.07	51	72	S.	.00
8	29.73	58	88	S.E.	*T
9	29.20	45	86	E.	.47
10	29.86	41	81	W.	.00
11	30.16	42	72	S.W.	*T
12	29.81	46	78	W.	*T
13	29.17	44	68	S.W.	.00
14	29.89	42	66	W.	.00
15	30.10	33	72	S.W.	*T
16	30.50	30	76	N.W.	.00
17	30.55	31	68	W.	.00
18	30.14	48	66	S.W.	.01
19	30.27	48	98	N.E.	.06
20	30.09	50	92	S.W.	.10
21	29.64	56	93	S.W.	.11
22	29.98	49	78	W.	.00
23	29.96	50	80	W.	.12
24	30.40	40	74	N.	*T
25	30.09	40	100	N.E.	.82
26	29.68	42	99	N.E.	1.79
27	29.68	36	100	N.	.03
28	30.19	30	68	N.	.01
29	30.19	36	84	S.E.-S.	*T
30	30.04	40	92	N.	.65
31					
TOTALS.....	—	—	—	—	4.17
MEANS.....	30.02	44.6	80.8	S.W.	.139

GENERAL ITEMS.

Mean Barometer, 30.02.
Highest Barometer, 30.64 on the 17th.
Lowest Barometer, 28.92 on the 9th.
Monthly Range of Barometer, 1.71.
Mean Temperature, 44.6.
Highest Temperature, 73 on the 2d.
Lowest Temperature, 21 on the 17th.
Monthly Range of Temperature, 52.
Greatest Daily Range of Temperature, 26 on the 20th.
Least Daily Range of Temperature, 5 on the 24th.
Mean Daily Range of Temperature, 14.3.
Mean Daily Dew-point, 38.6.
Mean Daily Relative Humidity, 80.8.
Prevailing Direction of Wind, S.W. 26.%
Total Movement of Wind, 8,786 miles.
Highest Velocity of Wind and Direction, 41 N.E. on 26th.
Number of Foggy Days, 0.* Number of Fair Days, 6.
Number of Clear Days, 8. Number of Cloudy Days, 16.
Total Number of Days on which Rain or Snow fell, 11.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, 4th, 6th.
Dates of Solar Halos, none.
Thunder Storm, 8th, 9th. Dates of Frosts.
Mean Max. Temp., 51.8. Mean Min. Temp., 37.5.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	37	1871	6.42
1872	40	1872	3.66
1873	33	1873	8.34
1874	41	1874	2.85
1875	34	1875	5.47
1876	40	1876	11.03
1877	43	1877	9.65
1878	40	1878	8.94
1879	39	1879	2.97
1880	37	1880	2.30
1881	42	1881	3.73
1882	38	1882	1.20
1883	42	1883	2.08
1884	41	1884	3.03
1885	44	1885	5.78
1886	43	1886	3.59
1887	42	1887	2.22
1888	45	1888	4.97
1889	45	1889	4.91
1890	42	1890	0.97
1891	41	1891	2.35
1892	41	1892	4.45
1893	42	1893	1.83
1894	38	1894	3.10
1895	45	1895	8.07
1896	46	1896	3.70
1897	41	1897	6.19
1898	42	1898	5.32
1899	42	1899	2.51
1900	45	1900	4.17

*T indicates trace of precipitation. Average mean temperature for 30 years, .41. Average monthly precipitation for 30 years, 4.53. * Days with fog.

915

[3–00–70–250.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Rec'd MAR 8 1901 B.P.L.

Statement of Deaths for the month of December, 1900.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of December, 1900 . . . . . 895.
Population by Census, 560,892. Rate per 1,000 inhabitants, 19.1.

Total number	895
SEX.	
Males	480
Females	415
CONDITION.	
Single	452
Married	301
Widowed	134
Divorced	1
Unknown	7
COLOR.	
White	876
Black (Negro or mixed)	17
Indian	—
Chinese	2
Japanese	—
Total deaths of children, Under 1 year	140
Total deaths of children, Under 2 years	180
Total deaths of children, Under 5 years	235
Diarrhœal diseases, Under 1 year	10
Diarrhœal diseases, Under 2 years	10
Diarrhœal diseases, Under 5 years	10
Diarrhœal diseases, All ages	15

NATIVITY.	
United States	561
Ireland	180
England	13
Scotland	5
Germany	16
British America	63
Italy	20
Russia	10
Sweden	11
Other Countries	10
Unknown	6
PARENTAGE.	
United States	189
Irish	300
English	15
Scotch	9
German	26
British American	55
Italian	39
Russian	32
Swedish	8
Other Countries	59
Mixed	64
One parent unknown	36
Unknown	63
Still-births during the month	47

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1900.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																
1. Typhoid Fever	22								1	2	4	5	3	1	3	2	1									18	4
2. Typhus																																
3. Scurvy	2	1					1											1								1	1
4. Small-pox																																
5. Measles	1		1				1																								1	
6. Scarlet fever	13		3	2	1	3	9	4																		11	2
7. Whooping-cough	8	6	1				7	1																		3	5
8. Diphtheria and croup	68	5	13	7	6	16	47	13	2	3	1	1	1													37	31
9. Influenza																																
10. Miliary Fever																																
11. Asiatic Cholera																																
a. Cholera morbus																																
12. Cholera nostras																																
13. Other epidemic diseases:																																
a. Yellow fever																																
b. Mumps																																
c. Others																																
14. Pyæmia and septicæmia	6		1				1		1		1			1			1	1								4	2
15. Glanders and farcy																																
16. Anthrax																																
17. Rabies																																
*																																
19. Intermittent fever	1	1					1																								1	
20. Malarial cachexia																																
*																																
22. Tuberculosis: *a.* Of the lungs	89								1	4	12	25	14	7	7	2	6	2	3	4		2				43	46
b. Of the meninges	5	3					3	1		1																3	2
c. Of the peritoneum	1												1														1
d. Of the skin																																
e. Of other organs																																
f. General	7							1			2	1	1			2										5	2
23. Scrofula																																
24. Syphilis	1	1					1																			1	
a. Congenital																																
25. Cancer: *a.* Of the mouth	8														1	1		3		2		1				6	2
b. Of the stomach	6														1			2		2		1				3	3
c. Of the intestines	6														1		1	4								4	2
Of the rectum	2													1			1									1	1
d. Of the female genital organs	2														1		1										2
e. Of the breast	3															1			1	1							3
f. Of the skin																											
g. Others	15											1	1		1	1	4	1	2	3		1				3	12
26. Rheumatism and gout	3																		1		1		1				3
*																											
28. Diabetes	11					1	1	1	1		1						2		3			2				8	3

* Diseases not mentioned in the mortality of Massachusetts.

SUMMARY OF DEATHS IN BOSTON,

With Principal Causes for the year 1900, compared with those of 1899.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M.D., Chairman.

	1900.	1899.		1900.	1899.
Total No. of deaths from all causes	11,678	11,167	Intermittent fever	6	1
Population (census) 1900	560,892	(Estimated.) 555,057	Measles	88	33
Annual death rate per 1,000 inhabitants	20.82	20.12	Pulmonary, laryngeal and general tuberculosis	1,407	1,236
*Total No. from zymotic diseases	3,787	1,444	Puerperal fever	29	11
Percentage of deaths from zymotic diseases to total mortality	32.43	12.93	Pyæmia and septicæmia	100	73
Total No. of still-births	578	539	Rheumatism	69	17
Total deaths of children under 1 year	2,410	2,404	Scarlatina	181	74
" " " " 2 years	3,013	3,034	Small-pox	–	5
" " " " 5 years	3,752	3,591	Syphilis (congenital)	20	22
Percentage of deaths under 5 years to total mortality	32.13	32.15	Syphilis	10	5
Total No. of deaths from diarrhœal diseases, under 5 years	661	329	Typhoid fever	143	165
Total No. of deaths from diarrhœal diseases, all ages	762	396	Typhus fever	–	–
Percentage of deaths from diarrhœal diseases to total mortality	6.52	3.54	Whooping cough	99	76
Cholera morbus	15	16	Yellow fever	–	–
Cholera infantum	299	280	Other zymotic diseases	2	9
Cerebro spinal meningitis	66	88	Cancer	452	402
Diarrhœa	442	69	Bright's disease	142	118
Dysentery	6	31	Bronchitis	304	393
Diphtheria and croup	537	304	Heart disease	1,009	966
Erysipelas	53	42	Pneumonia	1,241	1,455
Influenza	215	49	Old age	315	212
			Violent deaths	561	620

* The increased number of deaths in the zymotic group in 1900 over that of 1899 is chiefly due to the incorporating into this group, pulmonary, laryngeal, and general tuberculosis, with some forms of diarrhœal diseases.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1900.	AGE.																							SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																										
29. Exophthalmic goitre																										
30. Addison's disease																										
31. Leukemia	1	1					1																		1	
32. Anemia, chlorosis	2															1		1							2	
33. Other general diseases	2	2					2																		2	
34. Alcoholism (acute or chronic)	6											2		1	3										5	1
35. Lead poisoning																										
36. Other chronic poisonings of occupations																										
37. Other chronic poisonings																										
Total from general diseases	291	20	19	9	7	20	75	21	6	10	21	35	21	11	18	9	18	14	11	12	1	7	1		161	130
II. Diseases of the Nervous System and of the Organs of Sense.																										
38. Encephalitis	1	1					1																			1
39. Simple meningitis	21	6	1	4	1		12	2	1		1	3								1	1				10	11
40. Progressive locomotor ataxia	2														1		1								1	1
41. Progressive muscular atrophy																										
42. Cerebral hemorrhage and congestion	37							1			1	1		1		1	3	5	6	8	4	2	4		15	22
43. Softening of the brain																										
44. Paralysis, without indicated cause																										
45. General paralysis	4																2			1	1				2	2
46. Other forms of insanity	3																			1	1		1		3	
47. Epilepsy	3							1			1							1							1	2
48. Non-puerperal eclampsia																										
49. Convulsions of infants	5	5					5																		2	3
50. Tetanus	1													1											1	
51. Chorea																										
52. Other diseases of the nervous system	6							1			1	1		1		1						1			3	3
53. Diseases of the eyes																										
54. Diseases of the ears																										
Total of the nervous system, etc.,	83	12	1	4	1		18	5	1		4	5		3	1	2	6	6	6	11	7	3	5		38	45
III. Diseases of the Circulatory System.																										
55. Pericarditis	3	1					1														1		1		3	
56. Endocarditis	23							1	1	1	1	4		2	1		3	1	2	5			1		11	12
57. Organic diseases of the heart	30	3					3	2				1	3	2	2	3	4	2	2	2	1	2	1		13	17
58. Angina pectoris	4															1	1	1					1		2	2
59. Diseases of the arteries	14														1	1	1	1	1	3	3	2	1		11	3
60. Embolism	7										1		1	1		1		1		1	1				5	2
61. Varices, varicose ulcers, hemorrhoids																										
62. Phlebitis and other diseases of the veins,																										
63. Lymphangitis																										
64. Other diseases of the lymphatic system,																										
65. Hemorrhage	3												1		1		1								2	1
66. Other diseases of the circulatory system,	32										1	1	1	3	1	1	2	2	5	4	5	3	2	1	19	13
Total of the circulatory system	116	4					4	3	1	1	3	6	6	8	6	7	12	8	10	15	10	8	4	4	66	50

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1900.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IV. Diseases of the Respiratory System.																													
67. Diseases of the nasal fossæ																													
68. Diseases of the larynx and thyroid body,	1			1			1																					1	
69. Acute bronchitis	14	9		2			11										1	1	1									7	7
70. Chronic bronchitis	14	1					1					1			2	2	2	1	1	2	1	1						4	10
71. Broncho-pneumonia	82	23	9	5	2	1	40	2				3	7	2	4	2	6	1	3	3	3	3	1	2				41	41
72. Pneumonia	17		3				3			1		1			3			3		2	1	1	1	1				12	5
73. Pleurisy	3														1			1				1						3	
74. Congestion and apoplexy of lungs	4	2					2										1					1						1	3
75. Gangrene of lungs	1														1														1
76. Asthma and pulmonary emphysema	1																		1									1	
77. Other diseases of the respiratory system (phthisis excepted)																													
Total of the respiratory system	137	35	13	7	2	1	58	2		1		5	7	2	11	4	9	7	6	8	5	7	2	3				70	67
V. Diseases of the Digestive System.																													
78. Diseases of the mouth and adnexa	1																	1										1	
79. Diseases of the pharynx and esophagus:																													
a. Pharynx																													
b. Esophagus	1												1															1	
80. Ulcer of stomach	4		1				1					1	1					1										2	2
81. Other diseases of the stomach (cancer excepted)	6	1					1								1	1		1			2							2	4
82. Infantile diarrhœa, athrepsia	10	8	2				10																					8	2
83. Diarrhœa and enteritis	4													1	2		1											1	3
84. Dysentery	1																			1									1
85. Intestinal parasites																													
86. Hernia, intestinal obstructions	7	1	2				3										2	2										5	2
87. Other diseases of the intestines																													
88. Acute yellow atrophy of liver																													
89. Hydatid tumor of the liver																													
90. Cirrhosis of the liver	5													1	1		1			2								3	2
91. Biliary calculi																													
92. Other diseases of liver	4																2			1	1							4	
93. Inflammatory peritonitis (non-puerperal)	9										2	1			1		2	1		2								3	6
94. Other diseases of the digestive system, (excluding cancer and tuberculosis),																													
95. Iliac abscess	5							1				2	1					1										3	2
Total of the digestive system	57	10	5				15	1			2	4	3	2	5	1	8	7		6	3							33	24
VI. Diseases of the Genito-Urinary System and Adnexa.																													
96. Acute nephritis	30		1				1		1		1		1	4	2	5	4	1	1	4	2	2		1				18	12
97. Bright's disease	15											1	2	3	3	2	1	1	1				1					10	5
98. Perinephritis and perinephritic abscess,																													
99. Renal calculus																													
100. Other diseases of the kidneys and adnexa																													
101. Vesical calculi																													
102. Diseases of the bladder	3																1		1	1								2	1
103. Diseases of the urethra																													

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for December, 1900.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Genito-Urinary System and Adnexa. — *Concluded.*																																
104. Disease of the prostate	1																	1								1	
105. Disease of the testicle and its envelopes																											
106. Other diseases of the male genital organs																											
107. Abscess of the pelvis																											
108. Periuterine hematocele																											
109. Metritis																											
110. Uterine hemorrhage (non-puerperal)																											
111. Uterine tumors (non-cancerous)	1																	1									1
112. Other diseases of the uterus																											
113. Ovarian cysts and tumors	1										1																1
114. Other diseases of the female genital organs																											
115. Non-puerperal diseases of the breast (cancer excepted)																											
Total genito-urinary system, etc.,	51		1				1		1		2	1	3	7	5	7	6	2	5	5	2	2	1	1		31	20
VII. Puerperal Condition.																											
116. Accidents of pregnancy	4											2	1	1													4
117. Puerperal hemorrhage	2											2															2
118. Other accidents of labor	1									1																	1
119. Puerperal septicemia	3										1	2															3
120. Puerperal metro-peritonitis																											
121. Puerperal albuminuria and eclampsia	1											1															1
122. Puerperal phlegmasia alba dolens																											
123. Other accidents of pregnancy																											
124. Puerperal diseases of the breast																											
Total puerperal condition	11									1	1	7	1	1													11
VIII. Diseases of the Skin and Cellular Tissue.																											
125. Erysipelas	4											1		2					1							3	1
126. Gangrene																											
127. Carbuncle																											
128. Phlegmon, acute abscess																											
129. Other diseases of the skin and adnexa (cancer excepted)																											
Total of the skin and tissue cellular,	4											1		2					1							3	1
IX. Diseases of the Organs of Locomotion.																											
130. Pott's disease																											
131. Cold abscess, symptomatic abscess																											
132. Other diseases of the bones																											
133. White swellings																											
134. Other diseases of the joints	1																					1					1
135. Amputation																											
136. Other diseases of organs of locomotion																											
Total of organs of locomotion	1																					1					1
X. Malformations.																											
137. Malformations	4	4					4																			3	1
Total malformations	4	4					4																			3	1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1900.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
XI. Infantile.																											
138. Congenital debility, icterus and sclerema	49	48	1				49																			21	28
139. Want of care																											
140. Other diseases peculiar to infancy	1	1					1																			1	
Total infantile	50	49	1				50																			22	28
XII. Old Age.																											
141. Senile debility	29																			1	5	4	8	7	4	12	17
Total from old age	29																			1	5	4	8	7	4	12	17
XIII. External Violence.																											
142. Suicide: *a.* By poison	3										1			1					1							3	
b. By asphyxia	2															1	1									2	
c. By strangulation	1																	1									1
d. By firearms	4												1		1			1	1							3	1
e. By cutting instruments	1													1												1	
f. By drowning																											
g. By falls	1																1										1
h. By crushing																											
i. Others																											
142½. Homicide	1										1															1	
143. Fractures	8			1			1	1			1		1	2		1				1						7	1
144. Sprains and dislocations																											
145. Other accidental injuries	12							1		1	1		2	4		1				1			1			10	2
146. Burns: *a.* By fire	7	1			2		3					1		1				1			1					2	5
b. By corrosive substances	1				1		1																			1	
147. Sunstroke and freezing																											
148. Accidental drowning	3													1	2											3	
149. Inanition																											
150. Inhalation of noxious gases (suicide excepted)																											
151. Other accidental poisoning																											
152. Other external violence	4	3					3			1																4	
Total from external violence	48	4		1	3		8	2		2	3	2	4	10	3	3	2	3	2	2	1	1				37	11
XIV. Ill-defined Diseases.																											
*																											
*																											
*																											
156. Asphyxia, cyanosis																											
*																											
158. Abdominal tumor	5									1				1			1	2								2	3
159. Other tumors																											
160. "Plaie"	3														1	1	1										3
161. Unknown or not specified diseases	5	2					2					1		1	1											2	3
Total ill-defined diseases	13	2					2			1		1		2	2	1	2	2								4	9
Total from all causes,	895	140	40	21	13	21	235	34	9	16	36	67	45	48	51	34	63	49	40	61	34	32	22	15	4	480	415

* Diseases not mentioned in the mortality of Massachusetts.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs 10.

*Tenement houses in 1891 consisted of 3 or more families — now 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF DECEMBER, 1900, AND FOR THE CORRESPONDING MONTH IN 1899.

	City.		Quarantine.			City.		Quarantine.	
	Dec. 1900.	Dec. 1899.	Dec. 1900.	Dec. 1899.		Dec. 1900.	Dec. 1899.	Dec. 1900.	Dec. 1899.
Cholera	—	—	—	—	Measles	123	205	—	—
Chicken-pox	29	—	—	—	Scarlatina	137	206	—	—
Cerebro-spinal Meningitis	2	4	—	—	Small-pox	—	4	—	—
Diphtheria and Croup	667	321	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	78	54	—	—
Tuberculosis	70	—	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	2,500
Calves "	1,102
Sheep "	1,455
Hogs "	—
Cattle condemned, 12	5,175 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	920 lbs.
Poultry	1,245 "

VEGETABLES.

Cranberries	100 quarts
Cucumbers	1 bushel

DECEMBER, 1900.
BACTERIOLOGICAL LABORATORY.

	Positive.	Negative.	No Growth.	Totals.
Diphtheria: — Examination of cultures	1,302	2,589	11	3,902
Totals	1,302	2,589	11	3,902

Tuberculosis: examinations of sputum 128; Positive 35, Negative 93.
Typhoid fever: examinations of blood by Widal Test 97; Positive 8; Negative 66; Unsat. 23.
Malaria: examinations of stained blood preparations 3; Negative 3.
Glanders: guinea pigs inoculated from discharges 11; Positive 6; Negative 2; Unsat. 3.
Other diagnostic examinations: 6.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON.

For the month of December, 1900, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.10	40	78	N.W.	.00
2	30.23	40	80	N.W.	.00
3	30.24	44	78	S.W.	.00
4	29.70	45	90	S.W.	1.04
5	29.52	38	95	N.W.	.48
6	30.12	32	77	N.W.	.00
7	30.17	40	62	S.W.	.00
8	30.04	33	79	N.	.00
9	29.72	30	81	W.	.03
10	30.23	16	67	W.	.00
11	30.05	28	88	S.W.	*T
12	30.16	25	63	W.	*T
13	29.76	36	72	S.W.	.00
14	30.18	20	70	N.W.	.00
15	30.45	18	78	N.W.	*T
16	30.40	18	80	N.	*T
17	30.35	20	48	N.W.	.00
18	30.20	30	54	S.W.	.00
19	30.04	40	73	S.W.	.00
20	29.95	39	74	W.	.00
21	29.94	32	71	N.	.00
22	30.07	36	62	S.W.	.00
23	30.09	45	82	S.W.	.00
24	29.82	52	87	S.W.	.28
25	29.80	40	70	W.	.00
26	29.90	32	67	W.	*T
27	30.19	28	56	W.	.00
28	29.90	32	74	S.W.	.03
29	29.97	20	71	W.	.00
30	29.93	37	68	S.W.	.00
31	29.77	40	91	S.W.	.44
TOTALS.....	—	—	—	—	2.25
MEANS.....	30.03	33.4	73	S.W.	.072

GENERAL ITEMS.

Mean Barometer, 30.03.
Highest Barometer, 30.45 on the 15th.
Lowest Barometer, 29.31 on the 5th.
Monthly Range of Barometer, 1.14.
Mean Temperature, 33.4.
Highest Temperature, 59 on the 24th.
Lowest Temperature, 8 on the 10th.
Monthly Range of Temperature, 51.
Greatest Daily Range of Temperature, 26 on the 18th.
Least Daily Range of Temperature, 6 on the 31st.
Mean Daily Range of Temperature, 14.5.
Mean Daily Dew-point, 25.3.
Mean Daily Relative Humidity, 73.4.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 8,159 miles.
Highest Velocity of Wind and Direction, 60 E. on 5th.
Number of Foggy Days, 0.* Number of Fair Days, 9.
Number of Clear Days, 10. Number of Cloudy Days, 12.
Total Number of Days on which Rain or Snow fell, 6.
Depth of unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, 3th, 5th.
Dates of Solar Halos, none.
Thunder Storm, none. Dates of Frosts, none.
Mean Max. Temp., 40.7. Mean Min. Temp., 26.2.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	28	1871	3.38
1872	24	1872	3.29
1873	31	1873	5.64
1874	31	1874	2.14
1875	29	1875	0.75
1876	22	1876	3.71
1877	35	1877	1.32
1878	30	1878	6.76
1879	32	1879	5.36
1880	26	1880	3.42
1881	38	1881	3.80
1882	30	1882	2.65
1883	29	1883	3.71
1884	33	1884	4.46
1885	33	1885	2.09
1886	29	1886	3.66
1887	32	1887	2.71
1888	36	1888	4.38
1889	38	1889	1.83
1890	26	1890	3.92
1891	40	1891	3.58
1892	30	1892	1.12
1893	30	1893	5.16
1894	32	1894	4.28
1895	36	1895	2.45
1896	30	1896	1.70
1897	34	1897	3.92
1898	32	1898	2.19
1899	36	1899	1.52
1900	33	1900	2.25

*T indicates trace of precipitation. Average mean temperature for 30 years, 32°. Average monthly precipitation for 30 years, 3.57. * Days with fog.

[4—'01—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of January, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of January, 1901 1,077
Population by Census . . . . . 560,892 Rate per 1,000 inhabitants, . 23.04

Total number	1,077
SEX.	
Males	583
Females	494
CONDITION.	
Single	546
Married	343
Widowed	183
Divorced	2
Unknown	3
COLOR.	
White	1,050
Black (Negro or mixed)	25
Indian	—
Chinese	2
Japanese	—
Total deaths of children, Under 1 year	164
Total deaths of children, Under 2 years	219
Total deaths of children, Under 5 years	284
Diarrhœal diseases, Under 1 year	8
Diarrhœal diseases, Under 2 years	9
Diarrhœal diseases, Under 5 years	10
Diarrhœal diseases, All ages	12

NATIVITY.	
United States	671
Ireland	207
England	31
Scotland	7
Germany	17
British America	72
Italy	19
Russia	10
Sweden	7
Other Countries	27
Unknown	9
PARENTAGE.	
United States	281
Irish	350
English	24
Scotch	13
German	22
British American	56
Italian	34
Russian	20
Swedish	10
Other Countries	77
Mixed	69
One parent unknown	49
Unknown	72
Still-births during the month	42

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																													
1. Typhoid Fever	22							2	2		3	8	3	1		1	1	1									16	6
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
4a. Malarial cachexia																													
5. Variola																													
6. Measles	11	2	2		2	4	10	1																			6	5
7. Scarlatina	26	1	5	1	5	1	13	10	3																		15	11
8. Whooping cough	4	2	2				4																				3	1
9. Diphtheria and croup	14	1	5	2	3	1	12	2																			6	8
9a. Diphtheria	55	2	10	11	4	7	34	16	1	1			2							1							31	24
10. Grippe	43	2					2	1				2	1	2	1	2		4	3	6	8	3	4	3	1		18	25
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras																													
14. Dysentery																													
14a. Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	4	2					2							2															4
19. Other epidemic affections																													
20. Purulent infection and septicemia	11	2				1	3				1	3	1	2						1							6	5
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx																													
27. Tubercle of the lungs	124	1				2	3	2	1	10	16	26	20	11	9	6	5	7	4	2		2					70	54
28. Tubercle of the meninges	7	4	1	2			7																				4	3
29. Tubercle, abdominal	5							1		1							2	1									3	2
30. Pott's disease	2								1														1				1	1
31. Abscess, cold and by congestion																													
32. Tumors, white (white swellings)																													
33. Tubercle of other organs																													
34. Tubercle, generalized	5															2	1			2							2	3
35. Scrofula																													
36. Syphilis																													
3. Tertiary																													
4. Hereditary																													
37. Blennorrhagia of the adult																													
38. Gonococcal infections of the child	1	1					1																						1
39. Cancer and other malignant tumors of the buccal cavity	4															2	1	1									4	
40. Cancer and other malignant tumors of the stomach and liver	6													1		1		1	1	1	1						4	2

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1901.	AGE.																									SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	10									1					3	2		1	1	1		1				4	6
42. Cancer and other malignant tumors of the genital organs of the female	6														1	1	2		2								6
43. Cancer and other malignant tumors of the breast	5													2		1				2							5
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of organs not specified	4								1										2	1						1	3
46. Other tumors (tumors of the female genital organs excepted)	1														1												1
47. Rheumatism, acute, articular	2								1			1														1	1
48. Rheumatism, chronic, and gout																											
49. Scorbutus																											
50. Diabetes	6									1							2	3								3	3
51. Goitre, exophthalmic	1														1												1
52. Addison's disease																											
53. Leukemia	1																	1									1
54. Anemia, chlorosis	3														1		1				1						3
55. Other general diseases																											
56. Alcoholism, acute and chronic	11										1	2	5	1	2											9	2
57. Saturnism	1										1															1	
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	395	20	25	16	14	16	91	35	10	14	22	42	32	22	19	15	17	19	14	15	11	8	5	3	1	208	187
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	2	1					1								1											1	1
61. Meningitis, simple	21	5	2	3	2		12	1	1	3		1				1		1	1							16	5
61a. Meningitis, epidemic cerebro-spinal	2										1		1													1	1
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord	3														1				1		1					2	1
64. Cerebral congestion and hemorrhage	50	5					5	1				1	2	5	2	1	5	3	7	8	4	2	2	2		17	33
65. Cerebral softening																											
66. Paralysis, without cause assigned	8														1			2		2		1		2		3	5
67. General paralysis	3														1				1	1						2	1
68. Other forms of mental alienation	1													1												1	
69. Epilepsy	2															1			1								2
70. Eclampsia (non-puerperal)	1	1					1																			1	
71. Convulsions of children	9	8	1				9																			7	2
72. Tetanus	2														1						1					2	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	6	1					1							1	1	2						1				3	3
75. Diseases of the eye and appendages																											
76. Diseases of the ear	1														1											1	
Total of the nervous system, etc.,	111	21	3	3	2		29	2	1	3	1	2	3	7	8	5	6	6	10	12	4	5	3	4		57	54
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2							1												1							2

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																											
78. Endocarditis, acute	14					1	1		1					1		1		1	4	2	1	1		1		5	9
79. Organic diseases of the heart	81							1		3		4	4	4	6	4	5	8	11	5	17	5	3	1		43	38
80. Angina pectoris	5													1	1				1	1	1					4	1
81. Affections of the arteries (atheroma, aneurism, etc.)	7												1		1		2		1			2				4	3
82. Embolism and thrombosis	5											1			1							2	1			3	2
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	4	2					2								1				1							3	1
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	118	2				1	3	2	1	3		5	5	6	10	5	7	9	18	9	19	10	4	2		62	56
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1		1				1																				1
89. Affections of the thyroid body																											
90. Bronchitis, acute	26	11	3	1			15	1						1			2		2		1	2			2	10	16
91. Bronchitis, chronic	15		1	2			3					1				1		1		2		4	1	2		5	10
92. Broncho-pneumonia	29	15	4				19	1						1		2	1	1	1		3					14	15
93. Pneumonia	93	14	10	2			26				4	2	2	3	5	6	10	4	4	11	7	5	4			57	36
94. Pleurisy	5											1	1					2			1					5	
95. Pulmonary congestion and apoplexy	2												1		1											2	
96. Gangrene of the lung	2									1								1								2	
97. Asthma	3	1					1									1				1						3	
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)	2									1				1												1	1
Total respiratory apparatus	178	41	19	5			65	2		2	4	4	5	5	6	10	13	8	8	14	12	11	5	2	2	99	79
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	1										1																1
104. Other affections of the stomach (cancer excepted)	5										1		1	1				1	1							1	4
105. Diarrhœa and enteritis (under two years)	9	8	1				9																			7	2
105a. Diarrhœa and enteritis, chronic	1																					1					1
106. Diarrhœa and enteritis (two years and over)	2			1			1					1															2
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	9	2					2										1	2	1	1	2					5	4
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	11												1		2	2	2	1	1	2						8	3
113. Biliary calculi	3																	2			1					2	1
114. Other affections of the liver	2															1	1										2
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for January, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																															
116. Peritonitis, simple (puerperal excepted),	13	2					2	1	1	1	1	1	2	1		1	1			1								6	7
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																															
118. Appendicitis and abscess of the iliac fossa	7	1					1		1			1	1	2		1												7	
Total digestive apparatus	68	13	1	1			15	1	2	1	3	3	4	5		4	5	6	5	3	4	2						36	27
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																															
119. Nephritis, acute	26		1		1	1	3		1		1	2	1		3	1	2	3	2	2	3	1			1			15	11
120. Bright's disease	16									1		1		3			3	3	1	1	1	2						8	8
121. Other diseases of the kidneys and their adnexa	1							1																				1	
122. Calculi of the urinary tract																															
123. Diseases of the bladder	1																			1								1	
124. Diseases of the urethra, urinary abscess, etc.																															
125. Diseases of the prostate	1																	1										1	
126. Non-venereal diseases of the male genital organs																															
127. Metritis	1									1																			1	
128. Hemorrhage, uterine, non-puerperal																															
129. Tumor, uterine, non-cancerous	1													1															1	
130. Other diseases of the uterus	1														1														1	
131. Cysts and other tumors of the ovary	1													1															1	
132. Other diseases of the female genital organs	1												1																1	
133. Diseases of the breast, non-puerperal (cancer excepted)																															
Total of genito-urinary	50		1		1	1	3	1	1	2	1	3	2	3	5	2	5	7	3	3	5	3			1			26	24
VII. Puerperal State.																															
134. Accidents of pregnancy	1									1																			1	
135. Hemorrhage, puerperal																															
136. Other accidents of labor																															
137. Septicemia, puerperal	3										1	2																		3	
138. Albuminuria and puerperal eclampsia,																															
139. Phlegmasia alba dolens, puerperal																															
140. Other puerperal accidents — sudden death																															
141. Puerperal diseases of the breast																															
Total puerperal	4									1	1	2																		4	
VIII. Diseases of the Skin and Cellular Tissue.																															
142. Gangrene																															
143. Furuncle (carbuncle)																															
144. Phlegmon, warm abscess	1	1					1																						1		
145d. Other diseases of the skin and its adnexa																															
Total skin tissue	1	1					1																						1		
IX. Diseases of the Organs of Locomotion.																															
146. Affections of the bones (non-tuberculous)																															
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																															
148. Amputation																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1901.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																																
149. Other affections of the organs of locomotion																																
Total organs locomotion																																
X. Malformations.																																
150. Malformations, congenital (still-births excepted)	6	6					6																								3	3
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema	55	55					55																								39	16
152. Other diseases appertaining to infancy,	10	5	5				10																								3	7
153. Lack of care																																
Total early infancy	65	60	5				65																								42	23
XII. Old Age.																																
154. Senile debility	37																			3	5	13	9	5	2						14	23
XIII. Affections Produced by External Causes.																																
155. Suicide by poison	1																1														1	
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation																																
158. Suicide by submersion	2													1			1														1	1
159. Suicide by firearms	2													2																	2	
160. Suicide by cutting instruments																																
161. Suicide by jumping from high places																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures	12											4	2	1		3					2									8	4
165a. Luxations																																
166. Other accidental traumatisms	15			1			1	1		1	3	2			1		3	1	1	1										11	4
167. Burns and scalds	10		1	4			5	1						2							1	1								7	3
168. Burns by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical disturbances	1									1																					1	
172. Accidental submersion																																
173a. Inanition																																
174. Absorption of deleterious gases (suicide excepted)	2															1					1											2
175. Other acute poisonings																																
176. Other external violence	1													1																	1	
Total affections, etc.	46		1	5			6	2		2	7	4	7	1	4	5	1	1	1	4	1									32	14
XIV. Ill-defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Non-specified or ill-defined causes of death	3							1							1				1												3	
Total ill-defined diseases	3							1						1					1												3	
Total from all causes,	1,077	164	55	30	17	18	284	46	15	26	34	68	55	55	50	45	58	56	60	60	64	53	26	16	6						583	494

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JANUARY, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. Jan.	1900. Jan.	1901. Jan.	1900. Jan.		1901. Jan.	1900. Jan.	1901. Jan.	1900. Jan.
Cholera	—	—	—	—	Measles	256	315	—	—
Chicken-pox	27	—	—	—	Scarlatina	166	212	—	—
Cerebro-spinal Meningitis	—	—	—	—	Small-pox	—	2	—	—
Diphtheria and Croup	634	390	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	130	—	—	—	Typhoid fever	59	35	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	2,409
Calves "	1,198
Sheep "	3,364
Hogs "	17
Cattle condemned	6,315 lbs.
Calves "	— "
Sheep "	— "
Hogs "	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	778 lbs.
Beef (tainted)	622 "
Poultry	475 "

VEGETABLES.

Beans	5 crates

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis							
Release							
Totals							2,980*
	Positive.		Negative.		Unsat.		
Tuberculosis	66		120		—		186
Typhoid	12		50		27		89
Glanders	3		3		3		9
Other Examinations	2		3		4		9
					Grand Total		3,273

*1,000 positive; 1,968 negative; 12 no growth.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of January, 1901, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	30.26	30	63	W.	.00
2	30.40	24	46	W.	.00
3	30.67	14	39	N.W.	.00
4	30.23	22	52	S.W.	.00
5	30.27	24	54	N.W.	.00
6	30.24	28	68	W.	.00
7	30.02	36	75	S.W.	*T
8	30.27	31	75	N.W.	.00
9	30.12	40	82	S.W.	*T
10	30.27	29	80	E.	.32
11	30.02	26	68	N.	.20
12	29.60	29	94	N.	.78
13	29.98	26	66	N.W.	.00
14	29.98	24	84	N.W.	.00
15	29.87	34	91	S.E.	.03
16	29.72	42	84	S.	.02
17	29.62	38	86	W.	.01
18	29.61	20	66	N.W.	.04
19	30.27	4	50	N.W.	.00
20	30.47	13	82	S.W.	.00
21	29.98	38	68	S.W.	.00
22	30.31	32	74	N.E.	.00
23	30.32	26	85	N.	.00
24	29.91	32	90	N.	.02
25	29.53	34	81	N.	.00
26	29.85	30	78	N.	.00
27	29.15	27	63	N.W.	*T
28	29.06	26	64	W.—N.W.	.00
29	29.64	23	50	W.	*T
30	29.96	23	78	W.	.01
31	29.64	26	88	N.	.13
TOTALS.....	—	—	—	—	1.56
MEANS.....	29.960	27.5	71.6	N.W.—24%	.050

GENERAL ITEMS.

Mean Barometer, 29.960.
Highest Barometer, 30.673 on the 3d.
Lowest Barometer, 28.971 on the 28th.
Monthly Range of Barometer, 1.702.
Mean Temperature, 27.6.
Highest Temperature, 50 on the 9th.
Lowest Temperature, 3 on the 20th.
Monthly Range of Temperature, 53.
Greatest Daily Range of Temperature, 32 on the 20th.
Least Daily Range of Temperature, 6 on the 31st.
Mean Daily Range of Temperature, 14.1.
Mean Daily Dew-point, 19.2.
Mean Daily Relative Humidity, 71.6.
Prevailing Direction of Wind, N.W.—24 per cent.
Total Movement of Wind, 8,997 miles.
Highest Velocity of Wind and Direction, 28—N.W. on the 19th.
Number of Foggy Days, none. Number of Fair Days, 4.
Number of Clear Days, 11. Number of Cloudy Days, 16.
Total Number of Days on which Rain or Snow fell, 10.
Depth of Unmelted Snow on ground at end of month, 2.5.
Dates of Auroras, none. Dates of Lunar Halos, 27th.
Dates of Solar Halos, none.
Thunder Storm, none. Dates of Frosts, none.
Mean Max. Temperature, 34.6. Mean Min. Temperature, 20.5.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	26	1871	0.92
1872	27	1872	2.17
1873	26	1873	5.76
1874	31	1874	4.32
1875	20	1875	3.68
1876	30	1876	1.87
1877	33	1877	3.33
1878	28	1878	7.60
1879	24	1879	2.79
1880	35	1880	3.72
1881	22	1881	7.21
1882	26	1882	3.68
1883	25	1883	3.59
1884	24	1884	6.27
1885	27	1885	5.33
1886	26	1886	7.08
1887	26	1887	4.06
1888	20	1888	2.26
1889	36	1889	4.11
1890	32	1890	2.00
1891	31	1891	4.39
1892	28	1892	4.62
1893	21	1893	2.56
1894	30	1894	3.01
1895	29	1895	3.79
1896	25	1896	2.25
1897	28	1897	3.16
1898	29	1898	3.50
1899	30	1899	4.19
1900	30	1900	4.20

*T indicates trace of precipitation.

Average mean temperature for 31 years, 27.

Average monthly precipitation for 31 years, 3.39.

[5—'01—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of February, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of February, 1901 929
Population by Census . . . . . 560,892 Rate per 1,000 inhabitants, 19.88

Total number	929
SEX.	
Males	477
Females	452
CONDITION.	
Single	460
Married	299
Widowed	165
Divorced	1
Unknown	4
COLOR.	
White	895
Black (Negro or mixed)	33
Indian	—
Chinese	1
Japanese	—
Total deaths of children, Under 1 year	146
Total deaths of children, Under 2 years	196
Total deaths of children, Under 5 years	251
Diarrhœal diseases, Under 1 year	6
Diarrhœal diseases, Under 2 years	6
Diarrhœal diseases, Under 5 years	6
Diarrhœal diseases, All ages	11

NATIVITY.	
United States	597
Ireland	165
England	22
Scotland	10
Germany	14
British America	71
Italy	17
Russia	12
Sweden	2
Other Countries	13
Unknown	6
PARENTAGE.	
United States	227
Irish	291
English	17
Scotch	8
German	16
British American	65
Italian	37
Russian	24
Swedish	1
Other Countries	58
Mixed	66
One parent unknown	41
Unknown	78
Still-births during the month	50

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																															
1. Typhoid Fever	3											1	1		1													2	1
2. Exanthematous typhus																															
3. Recurrent fever																															
4. Intermittent fever and malarial cachexia	1																	1										1			
4a. Malarial cachexia																															
5. Variola																															
6. Measles	5	2	2		1		5																					4	1		
7. Scarlatina	28	1	6	2	3	4	16	8		2	1						1											14	14		
8. Whooping cough	9	3	3	1	2		9																					3	6		
9. Diphtheria and croup	5	1	1	1		1	4	1																				3	2		
9a. Diphtheria	37	4	9	9	2	3	27	7	2		1																	21	16		
10. Grippe	46	6	1				7		1	1	1	1		1	1	2	2	2	3	2	4	13	3	1	1	21	25		
11. Miliary Fever																															
12. Asiatic Cholera																															
13. Cholera nostras																															
14. Dysentery																				1											
14a. Dysentery, epidemic																															
15. Pest (Plague; bubonic plague)																															
16. Yellow fever																															
17. Leprosy																															
18. Erysipelas	9	1					1						3		1	1	1			1	1							9			
19. Other epidemic affections	1					1	1																					1			
20. Purulent infection and septicemia	12	2			1		3				1		1	3	1	2		1										6	6		
21. Glanders and farcy																															
22. Malignant pustule and charbon (anthrax)																															
23. Rabies																															
24. Actinomycosis, trichinosis, etc.																															
25. Pellagra																															
26. Tubercle of the larynx																															
27. Tubercle of the lungs	102	2	1	1			4	2	3	4	13	28	13	8	13	6	4	2	1		1							53	49		
28. Tubercle of the meninges	10	4	2	1	1	1	9	1																				5	5		
29. Tubercle, abdominal	2		1			1	2																					1	1		
30. Pott's disease																															
31. Abscess, cold and by congestion																															
32. Tumors, white (white swellings)																															
33. Tubercle of other organs																															
34. Tubercle, generalized																															
35. Scrofula																															
36. Syphilis																															
3. Tertiary																															
4. Hereditary	2	2					2																					2			
37. Blennorrhagia of the adult																															
38. Gonococcal infections of the child																															
39. Cancer and other malignant tumors of the buccal cavity	3																			2		1						2	1		
40. Cancer and other malignant tumors of the stomach and liver	12												1		1		3		4	1	1			1				7	5		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	5													1			2	1			1						5
42. Cancer and other malignant tumors of the genital organs of the female	5										1			1		1	1	1									5
43. Cancer and other malignant tumors of the breast	3															1	2										3
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	6														1			1	2	1	1					3	3
46. Other tumors (tumors of the female genital organs excepted)	1									1																1	
47. Rheumatism, acute, articular	4										1				1		1	1								2	2
48. Rheumatism, chronic, and gout	2							1														1					2
49. Scorbutus	1													1													1
50. Diabetes	2											1						1								1	1
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis																											
55. Other general diseases																											
56. Alcoholism, acute and chronic	3													1	1		1									2	1
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	319	28	26	15	10	11	90	20	6	8	19	31	19	14	21	13	14	12	13	8	8	16	4	2	1	164	155
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	1							1																		1	
61. Meningitis, simple	17	3	6	1	1	1	12	1						1	1		1			1						8	9
61a. Meningitis, epidemic cerebro-spinal	3								2		1															1	2
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord	2													1				1								1	1
64. Cerebral congestion and hemorrhage	32	1		1			2						4	1	1	1	3	2	5	4	1	2	5		1	12	20
65. Cerebral softening																											
66. Paralysis, without cause assigned	4												1			1	1					1				1	3
67. General paralysis	3													1							1	1				3	
68. Other forms of mental alienation																											
69. Epilepsy	2											1				1										2	
70. Eclampsia (non-puerperal)	4							2	1			1														1	3
71. Convulsions of children	5	5					5																			3	2
72. Tetanus	3	2					2						1													1	2
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system																											
75. Diseases of the eye and appendages																											
76. Diseases of the ear	5	3	1		1		5																			2	3
Total of the nervous system, etc.,	81	14	7	2	2	1	26	4	3		1	2	6	4	2	3	5	2	6	5	2	4	5		1	36	45
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	1																			1						1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																											
78. Endocarditis, acute	3												1		1					1						2	1
79. Organic diseases of the heart	71				2		2	2	3	1	3	6	2	5	4	6	4	5	10	4	7	5	2			42	29
80. Angina pectoris	3											1						1		1						2	1
81. Affections of the arteries (atheroma, aneurism, etc.)	6													1	1		1		2	1						4	2
82. Embolism and thrombosis	4											1					1		1	1						3	1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1																						1				1
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	89				2		2	2	3	1	3	8	3	6	6	6	6	6	13	8	8	5	3			54	35
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	21	9	2	3			14									2				1	1	1	1	1		11	10
91. Bronchitis, chronic	13	1					1						2			1	2			4		1		2		4	9
92. Broncho-pneumonia	53	21	6		1	2	30		1	2	1		2	1	2	2	1	1	2	3	2	2	1			31	22
93. Pneumonia	74	8	1				9	1			4	7	5	6	5	7	6	4	3	10	1	1	1	4		35	39
94. Pleurisy	6												2		1					2	1					4	2
95. Pulmonary congestion and apoplexy	5											1		1			1			1		1				2	3
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	172	39	9	3	1	2	54	1	1	2	5	8	11	8	8	12	10	5	5	21	5	6	3	7		87	85
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa	1													1													1
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	1									1																	1
104. Other affections of the stomach (cancer excepted)	2	1					1											1								2	
105. Diarrhœa and enteritis (under two years)	6	5	1				6																			3	3
105a. Diarrhœa and enteritis, chronic	2																				2					1	1
106. Diarrhœa and enteritis (two years and over)	3												1						1			1				1	2
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	10	1					1						1			1	1			3	2	1				2	8
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	7											1		1		4			1							4	3
113. Biliary calculi	2													1		1											2
114. Other affections of the liver	2															1					1					2	
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for February, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																											
116. Peritonitis, simple (puerperal excepted),	7				1		1	1					2		2		1									1	6
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	6								2	1		1	1	1												2	4
Total digestive apparatus	49	7	1		1		9	1	2	2		2	5	4	2	7	2	1	2	3	5	2				18	31
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	34	2					2	1	1		3		2	1		3	3	2	2	5	5	2	1	1		18	16
120. Bright's disease	14											2	1	1	2	1			4	2		1				9	5
121. Other diseases of the kidneys and their adnexa	1																	1								1	
122. Calculi of the urinary tract	1												1														1
123. Diseases of the bladder	1																	1									1
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate																											
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1														1												1
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	1																	1									1
132. Other diseases of the female genital organs	1										1																1
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	54	2					2	1	1		4	2	4	2	2	5	3	5	6	7	5	3	1	1		28	26
VII. Puerperal State.																											
134. Accidents of pregnancy	3											2		1													3
135. Hemorrhage, puerperal																											
136. Other accidents of labor																											
137. Septicemia, puerperal	3										1			1	1												3
138. Albuminuria and puerperal eclampsia,	5										2	1	2														5
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death	1											1															1
141. Puerperal diseases of the breast																											
Total puerperal	12										3	4	2	2	1												12
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	2																			1		1				2	
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess	1											1															1
145d. Other diseases of the skin and its adnexa																											
Total skin tissue	3											1								1		1				2	1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation	2														1		1									1	1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for February, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.—*Concluded.*																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	2														1		1									1	1
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	6	5	1				6																			4	2
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	43	40	2		1		43																			23	20
152. Other diseases appertaining to infancy,	9	9					9																			7	2
153. Lack of care																											
Total early infancy	52	49	2		1		52																			30	22
XII. Old Age.																											
154. Senile debility	37																	2	1	8	8	9	7	2		12	25
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	1											1														1	
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms	3												1				1			1						3	
160. Suicide by cutting instruments	1														1												1
161. Suicide by jumping from high places	1												1													1	
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	6												1	3					1			1				5	1
165a. Luxations																											
166. Other accidental traumatisms	16									3		4	3	2		1		1	1		1					15	1
167. Burns and scalds	9				2	1	3	2		1							2			1						2	7
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	2								1					1												2	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings	2		1				1						1													2	
176. Other external violence	3	2					2							1												3	
Total affections, etc.	44	2	1		2	1	6	2	1	4		5	7	7	1	1	2	2	2	1	2		1			34	10
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	9		3		1		4	1							2				1	1						7	2
Total ill-defined diseases	9		3		1		4	1							2				1	1						7	2
Total from all causes,	929	146	50	20	20	15	251	32	17	17	35	63	57	47	45	48	42	34	50	55	44	44	27	17	4	477	452

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses, 81,376. * Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF FEBRUARY, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. Feb.	1900. Feb.	1901. Feb.	1900. Feb.		1901. Feb.	1900. Feb.	1901. Feb.	1900. Feb.
Cholera	—	—	—	—	Measles	173	259	—	—
Chicken-pox	17	—	—	—	Scarlatina	133	198	—	—
Cerebro-spinal Meningitis	5	4	—	—	Small-pox	—	1	—	—
Diphtheria and Croup	377	398	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	96	—	—	—	Typhoid fever	30	31	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,907
Calves "	909
Sheep "	971
Hogs "	
Cattle condemned	3,940 lbs.
Calves "	— "
Sheep "	— "
Hogs "	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	822 lbs.
Poultry	125 "

VEGETABLES.

Beans	2 crates
Squash	3 "
Oranges	1 box

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	164	574	2	16	54	—	810
Release	29	56	2	336	522	—	945
Totals	193	630	4	352	576	—	1,755
	Positive.		Negative.		Unsat.		
Tuberculosis	36		103		—		139
Typhoid	4		35		28		67
Glanders	6		6		2		14
Other Examinations	—		4		—		4
				Grand Total			1,979

Also 33 Negative Cultures from Parental School not classified in the above.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1901, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	29.89	24	61	W.	.01
2	30.20	22	40	W.	.00
3	30.21	24	64	N.W.	.00
4	29.65	26	94	N.E.	.47
5	29.48	24	72	N.W.	.03
6	29.66	18	52	N.W.	.00
7	29.77	18	52	N.W.	.00
8	29.91	20	46	W.	.00
9	29.74	20	60	W.	.00
10	29.89	22	45	N.W.	.00
11	30.09	24	40	W.	.00
12	29.72	25	66	N.W.	.01
13	29.43	16	50	N.W.	.00
14	29.34	16	58	N.W.	.00
15	29.41	22	66	W.	.00
16	29.57	34	64	W.	.00
17	29.60	32	70	N.W.	*T
18	29.62	34	70	W.	.00
19	29.55	34	67	W.	.00
20	29.45	28	68	W.	.00
21	29.75	22	54	W.	*T
22	29.86	23	54	W.	.00
23	29.97	22	59	W.	*T
24	29.67	22	66	N.W.	.14
25	29.95	26	56	S.W.	.00
26	29.73	36	57	S.W.	.00
27	29.93	24	54	W.	.00
28	30.19	20	46	W.	.00
29					
30					
31					
TOTALS.....	—	—	—	—	0.66
MEANS.....	29.76	24.2	61.0	W.	.024

GENERAL ITEMS.

Mean Barometer, 29.76.
Highest Barometer, 30.27 on the 3d.
Lowest Barometer, 29.32 on the 14th.
Monthly Range of Barometer, 0.95.
Mean Temperature, 24.2.
Highest Temperature, 47 on the 26th.
Lowest Temperature, 10 on the 7th.
Monthly Range of Temperature, 37.
Greatest Daily Range of Temperature, 24 on the 25th.
Least Daily Range of Temperature, 7 on the 17th.
Mean Daily Range of Temperature, 13.7.
Mean Daily Dew-point, 11.3.
Mean Daily Relative Humidity, 61.0.
Prevailing Direction of Wind, West.
Total Movement of Wind, 10,456 miles.
Highest Velocity of Wind and Direction, 43—N.W.
Number of Foggy Days, none. Number of Fair Days, 7.
Number of Clear Days, 15. Number of Cloudy Days, 6.
Total Number of Days on which Rain or Snow fell, 5.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, 25, 26.
Dates of Solar Halos, 15, 23.
Thunder Storm, none. Dates of Frosts, none.
Mean Max. Temperature, 31.1. Mean Min. Temperature, 17.4.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	29	1871	2.63
1872	28	1872	2.31
1873	27	1873	3.21
1874	28	1874	3.41
1875	22	1875	3.74
1876	27	1876	4.54
1877	32	1877	6.45
1878	29	1878	4.40
1879	24	1879	4.35
1880	32	1880	4.11
1881	28	1881	4.89
1882	30	1882	4.77
1883	29	1883	2.74
1884	31	1884	5.74
1885	20	1885	3.00
1886	27	1886	7.04
1887	29	1887	3.69
1888	28	1888	2.36
1889	26	1889	1.54
1890	33	1890	2.29
1891	32	1891	3.66
1892	28	1892	2.15
1893	27	1893	6.22
1894	27	1894	3.15
1895	25	1895	1.11
1896	29	1896	3.94
1897	31	1897	2.12
1898	33	1898	4.81
1899	27	1899	3.03
1900	29	1900	6.83
1901	24	1901	0.66

*T indicates trace of precipitation.

Average mean temperature for 31 years, 28.

Average monthly precipitation for 31 years, 3.51.

UNION LABEL TRADES UNION LABEL DEPARTMENT

[5—'01—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of March, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of March, 1901 1,026
Population by Census . . . . . 560,892 Rate per 1,000 inhabitants, 21.95

Total number	1,026
SEX.	
Males	537
Females	489
CONDITION.	
Single	478
Married	343
Widowed	196
Divorced	5
Unknown	4
COLOR.	
White	999
Black (Negro or mixed)	25
Indian	1
Chinese	1
Japanese	—
Total deaths of children, Under 1 year	161
Total deaths of children, Under 2 years	204
Total deaths of children, Under 5 years	270
Diarrhœal diseases, Under 1 year	11
Diarrhœal diseases, Under 2 years	12
Diarrhœal diseases, Under 5 years	12
Diarrhœal diseases, All ages	16

NATIVITY.	
United States	644
Ireland	192
England	20
Scotland	8
Germany	27
British America	66
Italy	25
Russia	12
Sweden	5
Other Countries	16
Unknown	11
PARENTAGE.	
United States	248
Irish	321
English	19
Scotch	13
German	31
British American	60
Italian	32
Russian	27
Swedish	10
Other Countries	59
Mixed	80
One parent unknown	52
Unknown	74
Still-births during the month	45

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1901.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																
1. Typhoid Fever	3									1	1		1																	2	1
2. Exanthematous typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia																																
5. Variola																																
6. Measles	7	2	3	1	1		7																							5	2
7. Scarlatina	25	4	1	5	4	2	16	7	1			1																		14	11
8. Whooping cough	4	2	1			1	4																							3	1
9. Diphtheria and croup	2		1				1	1																						2	
9a. Diphtheria	45	1	8	6	9	3	27	11	1	1	1	1		1					1	1										26	19
10. Grippe	34							2		1	1	4	2	1	1	1	3	4	4	7	1	1	1							11	23
11. Miliary Fever																																
12. Asiatic Cholera																																
13. Cholera nostras																																
14. Dysentery	2	1					1													1										1	1
14a. Dysentery, epidemic																																
15. Pest (Plague; bubonic plague)																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas	9	1	1				2			1				1		1		1		1	1	1								5	4
19. Other epidemic affections	1	1					1																							1	
20. Purulent infection and septicemia	13	2					2			1	3		2	1		1		2	1											5	8
21. Glanders and farcy																																
22. Malignant pustule and charbon (anthrax)																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc.																																
25. Pellagra																																
26. Tubercle of the larynx																																
27. Tubercle of the lungs	128	4					4		1	10	18	21	18	16	12	7	9	3	3	2	2	1		1		60	68
28. Tubercle of the meninges	10	4	1	3		1	9	1																		7	3
29. Tubercle, abdominal	4										1	1			1					1							4
30. Pott's disease																																
31. Abscess, cold, and by congestion																																
32. Tumors, white (white swellings)																																
33. Tubercle of other organs	5		1		1	1	3							1					1							1	4
34. Tubercle, generalized	2												1				1									2	
35. Scrofula																																
36. Syphilis																																
3. Tertiary	2														1			1									2
4. Hereditary	1		1				1																				1
37. Blennorrhagia of the adult																																
38. Gonococcal infections of the child																																
39. Cancer and other malignant tumors of the buccal cavity	4														1		1	1			1					3	1
40. Cancer and other malignant tumors of the stomach and liver	11												1		1	1	2		2	2	2					6	5

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1901.	AGE.																									SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—*Concluded.*																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	6														1	2	2			1						4	2
42. Cancer and other malignant tumors of the genital organs of the female	10													3	1	1	3	1			1						10
43. Cancer and other malignant tumors of the breast	6														1	1	1			1	1		1				6
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	8													1	1	2	2		1				1			2	6
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular	4										1		1	1			1									2	2
48. Rheumatism, chronic, and gout																											
49. Scorbutus	2					1	1															1					2
50. Diabetes	7								2				1				2	1		1						6	1
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia	1											1														1	
54. Anemia, chlorosis																											
55. Other general diseases																											
56. Alcoholism, acute and chronic	7											1	2		1	1		1		1						6	1
57. Saturnism	1												1													1	
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	364	22	18	15	15	9	79	21	6	16	25	31	30	25	21	19	25	16	14	18	9	5	3	1		176	188
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	3	1					1					1										1				2	1
61. Meningitis, simple	17	6	4	2	2		14					1						1	1							13	4
61a. Meningitis, epidemic cerebro-spinal	3	1					1									1		1									3
62. Locomotor ataxia, progressive	1																				1						1
63. Other diseases of the spinal cord	4	1	1				2					1		1												2	2
64. Cerebral congestion and hemorrhage	43	1					1								4	1	3	4	6	6	7	5	5		1	18	25
65. Cerebral softening																											
66. Paralysis, without cause assigned	7														2			3			1		1			5	2
67. General paralysis	6													1	1		1	2		1						5	1
68. Other forms of mental alienation																											
69. Epilepsy	2							1					1													1	1
70. Eclampsia (non-puerperal)	2															1				1						1	1
71. Convulsions of children	10	7	2		1		10																			4	6
72. Tetanus																											
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	1														1											1	
75. Diseases of the eye and appendages																											
76. Diseases of the ear	1															1										1	
Total of the nervous system, etc.,	100	17	7	2	3		29	1				3	1	2	8	4	4	11	7	8	9	5	7		1	53	47
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	1																			1						1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1901.	AGE.																											SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																														
78. Endocarditis, acute	13	1					1		1	1	1	1			3	2			1		2					6	7			
79. Organic diseases of the heart	72			2		1	3		1	2		3	1	3	3	8	4	3	6	14	13	7		1		40	32			
80. Angina pectoris	1																			1							1			
81. Affections of the arteries (atheroma, aneurism, etc.)	9													1				1		3	1		3			3	6			
82. Embolism and thrombosis	5											1			1	1			1				1			4	1			
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)	1																						1			1				
84. Affections of the lymphatic system (lymphangitis, etc.)	1												1														1			
85. Hemorrhages	1				1		1																				1			
86. Other affections of the circulatory apparatus	1																	1								1				
Total of circulatory apparatus	105	1		2	1	1	5		2	3	1	5	2	4	7	11	4	5	7	20	14	9	5	1		56	49			
IV. Diseases of the Respiratory Apparatus.																														
87. Diseases of the nasal fossæ																														
88. Affections of the larynx	2		1			1	2																				2			
89. Affections of the thyroid body	2	1	1				2																			2				
90. Bronchitis, acute	34	8	2	1		1	12							1			5	1	6	1	2	1	3	2		17	17			
91. Bronchitis, chronic	6	1					1				1							1	2					1		4	2			
92. Broncho-pneumonia	47	17	5	3		1	26	1			1	1	4	1		1	3		3	2	1	1		2		27	20			
93. Pneumonia	94	15	4	3		1	23	1	1	3	1	2	12	4	8	2	4	6	8	3	4	5	3	4		57	37			
94. Pleurisy	8		1				1			1	1	1		1	1		1					1				2	6			
95. Pulmonary congestion and apoplexy	2									1			1													2				
96. Gangrene of the lung																														
97. Asthma																														
98. Emphysema, pulmonary																														
99. Other diseases of the respiratory apparatus (phthisis excepted)																														
Total respiratory apparatus	195	42	14	7		4	67	2	1	5	4	4	17	7	9	3	13	8	19	6	7	8	6	9		111	84			
V. Diseases of the Digestive Apparatus.																														
100. Affections of the mouth and its adnexa,																														
101. Affections of the pharynx	1																			1						1				
102. Affections of the esophagus																														
103. Ulcer of the stomach	2											1								1							2			
104. Other affections of the stomach (cancer excepted)	4													1			1	1			1					1	3			
105. Diarrhœa and enteritis (under two years)	12	11	1				12																			6	6			
105a. Diarrhœa and enteritis, chronic	2																					1		1		1	1			
106. Diarrhœa and enteritis (two years and over)	2								1			1															2			
107. Parasites, intestinal																														
108. Hernia, intestinal obstructions	7	1				1	2					1				1	1	1	1							4	3			
109. Other affections of the intestines																														
110. Icterus, grave																														
111. Hydatid tumors of the liver																														
112. Cirrhosis of the liver	9													1		1	2		1	2	1	1				7	2			
113. Biliary calculi	3									1						1		1									3			
114. Other affections of the liver	5											1				1		1		1		1					5			
115. Affections of the spleen																														

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for March, 1901.	AGE.																											SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																														
116. Peritonitis, simple (puerperal excepted),	6		1				1						3		1				1								1	5
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1																			1							1	
118. Appendicitis and abscess of the iliac fossa	6							1		2	1		1	1													4	2
Total digestive apparatus	60	12	2			1	15	2		3	1	4	4	3	1	4	4	4	3	6	2	3		1			26	34
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																														
119. Nephritis, acute	37	4			1	1	6					4		2	3	4	1	2	3	5	3	2	1	1			22	15
120. Bright's disease	14												3		1		1	2	2	2	3						9	5
121. Other diseases of the kidneys and their adnexa																														
122. Calculi of the urinary tract																														
123. Diseases of the bladder																														
124. Diseases of the urethra, urinary abscess, etc.																														
125. Diseases of the prostate	2																	1			1						2	
126. Non-venereal diseases of the male genital organs																														
127. Metritis																														
128. Hemorrhage, uterine, non-puerperal																														
129. Tumor, uterine, non-cancerous																														
130. Other diseases of the uterus																														
131. Cysts and other tumors of the ovary																														
132. Other diseases of the female genital organs																														
133. Diseases of the breast, non-puerperal (cancer excepted)																														
Total of genito-urinary	33	4			1	1	6					4	3	2	4	4	2	5	5	7	7	2	1	1			33	20
VII. Puerperal State.																														
134. Accidents of pregnancy	2												1		1													2
135. Hemorrhage, puerperal	1											1																1
136. Other accidents of labor																														
137. Septicemia, puerperal	2													1	1													2
138. Albuminuria and puerperal eclampsia,	2										1			1														2
139. Phlegmasia alba dolens, puerperal																														
140. Other puerperal accidents — sudden death																														
141. Puerperal diseases of the breast																														
Total puerperal	7										1	1	1	2	2													7
VIII. Diseases of the Skin and Cellular Tissue.																														
142. Gangrene	1																						1				1			
143. Furuncle (carbuncle)	1																1											1		
144. Phlegmon, warm abscess																														
145d. Other diseases of the skin and its adnexa																														
Total skin tissue	2																1						1				1	1		
IX. Diseases of the Organs of Locomotion.																														
146. Affections of the bones (non-tuberculous)																														
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																														
148. Amputation																														

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1901.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.— *Concluded.*																																
149. Other affections of the organs of locomotion																																
Total organs locomotion																																
X. Malformations.																																
150. Malformations, congenital (still-births excepted)	2	2					2																								2	
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema	51	48	2		1		51																								32	19
152. Other diseases appertaining to infancy,	12	12					12																								9	3
153. Lack of care																																
Total early infancy	63	60	2		1		63																								41	22
XII. Old Age.																																
154. Senile debility	31																		2	4	5	7	4	7	2						12	19
XIII. Affections Produced by External Causes.																																
155. Suicide by poison	2													2																		2
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation	2												1				1														1	1
158. Suicide by submersion																																
159. Suicide by firearms	2											1					1														1	1
160. Suicide by cutting instruments	1														1																1	
161. Suicide by jumping from high places																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures	8					1	1				1				1			2			1		1	1						5	3
165a. Luxations																																
166. Other accidental traumatisms	9							2		1		1	1	1			2								1						7	2
167. Burns and scalds	5							1				2		1		1		1													3	2
168. Burns by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical disturbances																																
172. Accidental submersion	3												1		1	1															3	
173a. Inanition	1																		1												1	
174. Absorption of deleterious gases (suicide excepted)																																
175. Other acute poisonings	1					1	1																								1	
176. Other external violence																																
Total affections, etc.	34					2	2	2		1	1	4	3	4	2	3	2	5	1		1		1	1	1						23	11
XIV. Ill-defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Non-specified or ill-defined causes of death	10	1			1		2		1		1	2	1			2			1												3	7
Total ill-defined diseases	10	1			1		2		1		1	2	1			2			1												3	7
Total from all causes,	1,026	161	43	26	22	18	270	28	10	28	34	58	62	49	54	50	55	54	59	69	54	39	28	21	4						537	489

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MARCH, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. March.	1900. March.	1901. March.	1900. March.		1901. March.	1900. March.	1901. March.	1900. March.
Cholera	—	—	—	—	Measles	322	210	—	—
Chicken-pox	48	—	—	—	Scarlatina	144	166	—	—
Cerebro-spinal Meningitis	4	4	—	—	Small-pox	1	1	—	—
Diphtheria and Croup	375	329	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	16	29	—	—
Tuberculosis	89	—	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	2,071
Calves "	1,436
Sheep "	890
Hogs "	
Cattle condemned	3,832 lbs.
Calves "	— "
Sheep "	— "
Hogs "	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	2,661 lbs.
Poultry	250 "
Pig's Kidneys	275 "

FISH.

Oysters	3 bbls.

VEGETABLES.

Beans	— crates
Squash	— "
Oranges	— box

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	144	591	7	11	57	—	810
Release	27	68	1	210	378	4	688
Totals	171	659	8	221	435	4	1,498*

	Positive.	Negative.	Unsat.	
Tuberculosis	40	117	—	157
Typhoid	1	52	10	63
Glanders	4	6	3	13
Other Examinations	2	5	3	10
			Grand Total	1,741

*22 negative diphtheria cultures not included in above, making a grand total of 1,763.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1901, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	29.96	42	54	S.W.	*T
2	29.76	38	66	S.W.	.12
3	30.15	29	66	N.	.00
4	29.92	42	66	S.W.	.22
5	29.63	34	74	W.	.16
6	30.05	16	50	W.	.00
7	30.28	20	50	S.W.	.00
8	30.16	38	68	S.W.	.00
9	29.88	43	87	S.W.	.30
10	30.38	34	74	N.E.	.01
11	29.61	40	96	E.	1.94
12	29.65	38	70	W.	.00
13	29.96	37	58	W.	.00
14	29.82	34	85	N.E.	.14
15	29.82	32	78	N.E.	*T
16	29.90	34	89	N.	*T
17	29.99	34	58	W.	*T
18	30.05	42	58	S.W.	.00
19	30.30	37	51	N.E.	.00
20	30.33	33	88	E.	.02
21	29.80	47	90	S.	1.14
22	29.90	42	67	W.	.11
23	30.18	41	54	W.	.00
24	30.12	40	77	E.	.06
25	30.13	41	84	E.	.06
26	29.71	38	99	E.	1.56
27	29.37	46	81	W.	.74
28	29.43	35	68	W.	.00
29	29.65	30	54	N.W.	.00
30	29.69	35	50	N.W.	.00
31	29.53	44	60	N.W.	.00
TOTALS.....	—	—	—	—	6.58
MEANS.....	29.91	36.0	70.1	W.	.212

GENERAL ITEMS.

Mean Barometer, 29.908.
Highest Barometer, 30.434 on the 19th.
Lowest Barometer, 29.306 on the 27th.
Monthly Range of Barometer, 1.128.
Mean Temperature, 36.2.
Highest Temperature, 58 on the 21st.
Lowest Temperature, 9 on the 7th.
Monthly Range of Temperature, 49.
Greatest Daily Range of Temperature, 23 on the 7th.
Least Daily Range of Temperature, 5 on the 15th.
Mean Daily Range of Temperature, 13.5.
Mean Daily Dew-point, 26.5.
Mean Daily Relative Humidity, 70.1.
Prevailing Direction of Wind, West.
Total Movement of Wind, 9,792 miles.
Highest Velocity of Wind and Direction, 36—S.
Number of Foggy Days, 2. Number of Fair Days, 12.
Number of Clear Days, 5. Number of Cloudy Days, 14.
Total Number of Days on which Rain or Snow fell, 14.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, 13.
Thunder Storm, none. Dates of Frosts, none.
Mean Max. Temperature, 42.9. Mean Min. Temperature, 29.5.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	42	1871	4.55
1872	27	1872	4.05
1873	35	1873	3.76
1874	35	1874	1.60
1875	31	1875	5.04
1876	33	1876	7.19
1877	34	1877	9.79
1878	39	1878	5.91
1879	33	1879	3.90
1880	33	1880	3.25
1881	36	1881	9.86
1882	35	1882	3.35
1883	31	1883	2.33
1884	34	1884	4.86
1885	28	1885	1.15
1886	34	1886	3.20
1887	32	1887	3.86
1888	32	1888	3.32
1889	38	1889	1.19
1890	35	1890	5.88
1891	34	1891	3.94
1892	33	1892	3.91
1893	34	1893	2.80
1894	42	1894	1.01
1895	35	1895	2.72
1896	32	1896	5.41
1897	37	1897	2.79
1898	43	1898	1.82
1899	34	1899	5.95
1900	34	1900	4.60
1901	36	1901	6.58

*T indicates trace of precipitation.

Average mean temperature for 31 years, 38.6.

Average monthly precipitation for 31 years, 3.5.

[4–'01–70–350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Rec'd

Statement of Deaths for the month of April, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of April, 1901 1,002
Population by Census . . . . . 560,892 Rate per 1,000 inhabitants, 21.44

Total number	1,002
SEX.	
Males	526
Females	476
CONDITION.	
Single	535
Married	299
Widowed	156
Divorced	5
Unknown	7
COLOR.	
White	971
Black (Negro or mixed)	27
Indian	—
Chinese	4
Japanese	—
Total deaths of children, Under 1 year	166
Total deaths of children, Under 2 years	231
Total deaths of children, Under 5 years	301
Diarrhœal diseases, Under 1 year	14
Diarrhœal diseases, Under 2 years	17
Diarrhœal diseases, Under 5 years	17
Diarrhœal diseases, All ages	20

NATIVITY.	
United States	649
Ireland	161
England	26
Scotland	5
Germany	16
British America	82
Italy	16
Russia	17
Sweden	5
Other Countries	13
Unknown	12
PARENTAGE.	
United States	232
Irish	289
English	20
Scotch	6
German	25
British American	73
Italian	45
Russian	40
Swedish	8
Other Countries	64
Mixed	86
One parent unknown	42
Unknown	72
Still-births during the month	42

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1901.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																
1. Typhoid Fever	10								1		3	3	2	1												7	3
2. Exanthematous typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia																																
5. Variola	1													1												1	
6. Measles	13	1	6	4	2		13																			9	4
7. Scarlatina	40	2	7	9	2	4	24	9	3	1	1	1			1											23	17
8. Whooping cough	8	4	2	1		1	8																			3	5
9. Diphtheria and croup	2				2		2																			2	
9a. Diphtheria	35	1	4	10	7	1	23	5	5				1				1									17	18
10. Grippe	22	1	1	1			3				1		1			2	3	1	2	2	4	1	1		1	10	12
11. Miliary Fever																																
12. Asiatic Cholera																																
13. Cholera nostras																																
14. Dysentery																																
14a. Dysentery, epidemic																																
15. Pest (Plague; bubonic plague)																																
16. Yellow fever																															1	
17. Leprosy																																
18. Erysipelas	7	1					1							2			1		2	1						4	3
19. Other epidemic affections																																
20. Purulent infection and septicemia	8										2	3			2	1										5	3
21. Glanders and farcy																																
22. Malignant pustule and charbon (anthrax)	1														1											1	
23. Rabies																																
24. Actinomycosis, trichinosis, etc.																																
25. Pellagra																																
26. Tubercle of the larynx	3									1		1	1													2	1
27. Tubercle of the lungs	115	3	3				6	2	5	7	18	14	16	14	11	5	4	6	4		2	1				73	42
28. Tubercle of the meninges	15	7	3	1	1		12	1			1			1												7	8
29. Tubercle, abdominal	2	1					1							1												1	1
30. Pott's disease	2			1			1				1															2	
31. Abscess, cold, and by congestion																																
32. Tumors, white (white swellings)																																
33. Tubercle of other organs																																
34. Tubercle, generalized	3	1					1	1						1												1	2
35. Scrofula																																
36. Syphilis																																
3. Tertiary																																
4. Hereditary	2	2					2																				2
37. Blennorrhagia of the adult																																
38. Gonococcal infections of the child																																
39. Cancer and other malignant tumors of the buccal cavity	4												1				1		1						1	4	
40. Cancer and other malignant tumors of the stomach and liver	9														2		2	1	2	1	1					3	6

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1901.	AGE.																							SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																										
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	6													1	1	2	1			1					1	5
42. Cancer and other malignant tumors of the genital organs of the female	2															2										2
43. Cancer and other malignant tumors of the breast	1															1										1
44. Cancer and other malignant tumors of the skin																										
45. Cancer and other malignant tumors of organs not specified	7																2			3	1	1			1	6
46. Other tumors (tumors of the female genital organs excepted)	4												1		1				1		1				2	2
47. Rheumatism, acute, articular	5										1		1		1				1	1					1	4
48. Rheumatism, chronic, and gout	1															1									1	
49. Scorbutus																										
50. Diabetes	11								1				1			2	2		3		1	1			5	6
51. Goitre, exophthalmic																										
52. Addison's disease																										
53. Leukemia	2		1				1			1															1	1
54. Anemia, chlorosis	6										1			2		1	2								4	2
55. Other general diseases																										
56. Alcoholism, acute and chronic	5													3	1	1									4	1
57. Saturnism																										
58. Other trade intoxications																										
59. Other chronic poisonings																										
Total general diseases	352	24	27	27	14	6	98	18	15	10	29	23	24	27	21	18	19	8	16	9	10	4	1	2	195	157
II. Diseases of the Nervous System and of the Organs of Sense.																										
60. Encephalitis	3	2			1		3																			3
61. Meningitis, simple	17	6	4	1	2		13	1				1				1		1							12	5
61a. Meningitis, epidemic cerebro-spinal	6	1	2				3	1			1	1													3	3
62. Locomotor ataxia, progressive																										
63. Other diseases of the spinal cord	5								1						1	1	1		1						3	2
64. Cerebral congestion and hemorrhage	42								1		1		1	3	3	3	1	7	3	8	3	3	3	2	16	26
65. Cerebral softening	6														1	1	1				1		1	1	3	3
66. Paralysis, without cause assigned	5														1			1	1	1	1				2	3
67. General paralysis	3															1			1			1			2	1
68. Other forms of mental alienation	1																					1				1
69. Epilepsy	2													1				1							2	
70. Eclampsia (non-puerperal)	2									1		1														2
71. Convulsions of children	12	12					12																		11	1
72. Tetanus																										
73. Chorea																										
74. Hysteria																										
74b. Other affections of the nervous system	1										1															1
75. Diseases of the eye and appendages																										
76. Diseases of the ear	1	1					1																			1
Total of the nervous system, etc.,	106	22	6	1	3		32	2	2	1	3	3	1	4	6	7	3	10	6	9	5	5	4	2	1	54	52
III. Diseases of the Circulatory Apparatus.																										
77. Pericarditis																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																											
78. Endocarditis, acute	7											2		3		1		1								5	2
79. Organic diseases of the heart	83	1					1	1	1	5	1	5	4	3	4	2	6	11	11	5	12	8	1	2		38	45
80. Angina pectoris	4	1					1												1	1	1					2	2
81. Affections of the arteries (atheroma, aneurism, etc.)	6														1		1		1	1		1		1		5	1
82. Embolism and thrombosis	1													1													1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages																											
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	101	2					2	1	1	5	1	7	4	7	5	3	7	12	13	7	13	9	1	3		50	51
IV Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1					1	1																			1	
89. Affections of the thyroid body																											
90. Bronchitis, acute	13	4	4	1			9	1										1	1			1				6	7
91. Bronchitis, chronic	12	1	1				2	1				1						1		4	1		1	1		7	5
92. Broncho-pneumonia	91	31	10	6	4		51	4				1	4	3	3	5	1	5	4	6	2		1	1		46	45
93. Pneumonia	59	6	10	1			17				1	2	1	2	6	3	3	4	4	5	5	4		1	1	36	23
94. Pleurisy	9		1				1	1				1	2	1				2				1				4	5
95. Pulmonary congestion and apoplexy	4															1			1			1			1	2	2
96. Gangrene of the lung	1												1													1	
97. Asthma	1																1										1
98. Emphysema, pulmonary	2	1					1					1														2	
99. Other diseases of the respiratory apparatus (phthisis excepted)	3		1				1									1		1								3	
Total respiratory apparatus	196	43	27	8	4	1	83	7			1	6	8	6	9	10	5	14	10	15	8	7	2	3	2	108	88
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus	1																					1				1	
103. Ulcer of the stomach	3														3											1	2
104. Other affections of the stomach (cancer excepted)	4					1	1	1											1		1					1	3
105. Diarrhœa and enteritis (under two years)	16	14	2				16																			5	11
105a. Diarrhœa and enteritis, chronic	1																	1									1
106. Diarrhœa and enteritis (two years and over)	3			1			1	1												1						1	2
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	6	1					1							1	2	2										4	2
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	4													1	1		1			1						3	1
113. Biliary calculi	1														1											1	
114. Other affections of the liver	2										1										1					2	
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for April, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																											
116. Peritonitis, simple (puerperal excepted),	12										1		3	1			1	1	1	2		2				4	8
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	2														1					1						2	
118. Appendicitis and abscess of the iliac fossa	5							1		2				1						1						5	
Total digestive apparatus	69	15	2	1	1		19	3		2	2		3	4	8	2	2	2	2	5	3	3				30	30
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	33					2	2				1	1	4	1	2	3	3	3	2	6	4	1				16	17
120. Bright's disease	11								1		1			1		1	1	2			2	1		1		2	9
121. Other diseases of the kidneys and their adnexa	1																1										1
122. Calculi of the urinary tract																											
123. Diseases of the bladder	1																			1						1	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	2																		1		1			‡		2	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	3													1					1			1					3
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	3												1	1						1							3
132. Other diseases of the female genital organs	1																		1								1
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	55					2	2		1		2	1	5	4	2	4	5	5	5	7	8	3		1		21	34
VII. Puerperal State.																											
134. Accidents of pregnancy																											
135. Hemorrhage, puerperal	4											1		2	1												4
136. Other accidents of labor																											
137. Septicemia, puerperal	3									1			1		1												3
138. Albuminuria and puerperal eclampsia,																											
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents — sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	7									1		1	1	2	2												7
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)	1											1														1	
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue	1											1														1	
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	52	50	2				52																			24	28
152. Other diseases appertaining to infancy,	9	9					9																			4	5
153. Lack of care																											
Total early infancy	61	59	2				61																			28	33
XII. Old Age.																											
154. Senile debility	19																			5	4	4	2	3	1	5	14
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	1											1															1
156. Suicide by asphyxia	1																		1							1	
157. Suicide by hanging or strangulation																											
158. Suicide by submersion	1																1										1
159. Suicide by firearms	1																		1							1	
160. Suicide by cutting instruments	1											1														1	
161. Suicide by jumping from high places	1													1													1
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	3												1					1			1					2	1
165a. Luxations																											
166. Other accidental traumatisms	17								1		1	2	6			2	2	2				1				16	1
167. Burns and scalds	4		1			1	2							2												3	1
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances	1													1												1	
172. Accidental submersion	3													1					1	1						3	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings	2			1			1					1														1	1
176. Other external violence	1											1															1
Total affections, etc.	37		1	1		1	3	1		1	2	10	1	5		2	3	3	3	1	1	1				29	8
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	7	1					1							1		1		1			1		1	1		5	2
Total ill-defined diseases	7	1					1							1		1		1			1		1	1		5	
Total from all causes,	1,002	101	65	38	22	10	301	32	19	20	40	52	47	60	53	47	44	55	55	58	53	36	11	13	6	526	476

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF APRIL, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. April.	1900. April.	1901. April.	1900. April.		1901. April.	1900. April.	1901. April.	1900. April.
Cholera	—	—	—	—	Measles	575	484	—	—
Chicken-pox	40	40	1	—	Scarlatina	143	181	—	—
Cerebro-spinal Meningitis	5	8	—	—	Small-pox	—	1	—	—
Diphtheria and Croup	315	265	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	108	—	—	—	Typhoid fever	37	24	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	2,016
Calves "	2,401
Sheep "	665
Hogs "	—
Cattle condemned, 10	4,280 lbs
Calves "	— "
Sheep "	— "
Hogs "	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	2,218 lbs.
Poultry	944 "
Hams	550 "

VEGETABLES.

Spinach	1,435 bbls.
Kale	72 "

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	116	441	3	12	35	—	607
Release	14	50	2	132	253	1	452
Totals	130	491	5	144	288	1	1,059
	Positive.		Negative.		Unsat.		
Tuberculosis	62		122		—		184
Typhoid	—		54		3		57
Glanders	3		4		1		8
Other Examinations	5		11		3		19
				Grand Total			1,327

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of April, 1901, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.76	42	70	N.W.	*T
2	30.10	40	94	E.	*T
3	29.67	40	98	E.	1.11
4	29.56	40	98	N.E.	.14
5	29.74	42	94	N.	*T
6	29.74	46	94	E.	.14
7	29.37	44	99	E.	1.24
8	29.56	42	90	N.	.06
9	29.68	42	94	N.	.13
10	29.85	44	84	N.	.14
11	30.03	42	62	N.	*T
12	30.17	45	82	E.	.00
13	30.15	46	36	E.	.00
14	30.16	44	67	E.	.00
15	30.04	44	68	N.E.	.03
16	30.04	42	87	N.E.	.76
17	30.20	42	78	N.E.	*T
18	30.25	39	89	E.	*T
19	30.22	40	90	E.	*T
20	30.12	40	100	N.E.	.03
21	29.96	43	100	N.E.	.24
22	30.05	46	97	N.E.	.04
23	30.18	42	99	N.E.	*T
24	29.96	42	94	N.E.	1.09
25	29.88	44	98	N.E.	2.10
26	30.21	45	67	N.E.	.08
27	30.48	43	54	N.E.	.00
28	30.47	46	40	E.	.00
29	30.28	58	34	S.W.	.00
30	30.05	51	76	N.E.	.12
31					
TOTALS.....	—	—	—	—	7.45
MEANS.....	29.996	43.5	79.5	N.E.	.248

GENERAL ITEMS.

Mean Barometer, 29.996.
Highest Barometer, 30.515 on the 28th.
Lowest Barometer, 29.327 on the 7th.
Monthly Range of Barometer, 1.118.
Mean Temperature, 43.5.
Highest Temperature, 75 on the 29th.
Lowest Temperature, 33 on the th.
Monthly Range of Temperature, 42.
Greatest Daily Range of Temperature, 33 on the 29th.
Least Daily Range of Temperature, 1 on the 23rd.
Mean Daily Range of Temperature, 9.0.
Mean Daily Dew-point, 36.4.
Mean Daily Relative Humidity, 79.5.
Prevailing Direction of Wind, N.E.
Total Movement of Wind, 8,870 miles.
Highest Velocity of Wind and Direction, 40—N.E.—3.
Number of Foggy Days, 3. (Days with fog). Number of Fair Days, 2.
Number of Clear Days, 6. Number of Cloudy Days, 22.
Total Number of Days on which Rain or Snow fell, 16.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storm, none. Dates of Frosts, none.
Mean Max. Temperature, 48.0. Mean Min. Temperature, 39.0.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	47	1871	3.79
1872	75	1872	1.31
1873	47	1873	3.83
1874	57	1874	7.97
1875	42	1875	4.92
1876	43	1876	3.61
1877	44	1877	4.19
1878	47	1878	6.14
1879	42	1879	6.58
1880	46	1880	2.85
1881	43	1881	1.66
1882	42	1882	2.50
1883	44	1883	2.83
1884	43	1884	4.76
1885	46	1885	3.30
1886	48	1886	1.70
1887	44	1887	2.62
1888	42	1888	2.04
1889	48	1889	3.07
1890	46	1890	2.29
1891	48	1891	1.71
1892	48	1892	0.93
1893	44	1893	3.13
1894	47	1894	3.78
1895	46	1895	3.65
1896	47	1896	1.56
1897	49	1897	3.17
1898	44	1898	6.39
1899	45	1899	1.29
1900	49	1900	1.90
1901	44	1901	7.45

* T indicates trace of precipitation. Average mean temperature for 31 years, 45. Average monthly precipitation for 31 years, 3.48.

[5—'01—70—350.]

BOSTON PUBLIC LIBRARY

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of May, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of May, 1901 929
Population by Census . . . . . 560,892 Rate per 1,000 inhabitants, 19.87

Total number	929
SEX.	
Males	483
Females	446
CONDITION.	
Single	455
Married	304
Widowed	162
Divorced	3
Unknown	5
COLOR.	
White	900
Black (Negro or mixed)	26
Indian	—
Chinese	3
Japanese	—
Total deaths of children, Under 1 year	149
Under 2 years	199
Under 5 years	248
Diarrhœal diseases, Under 1 year	17
Under 2 years	20
Under 5 years	24
All ages	30

NATIVITY.	
United States	613
Ireland	167
England	15
Scotland	6
Germany	21
British America	59
Italy	9
Russia	11
Sweden	7
Other Countries	9
Unknown	12
PARENTAGE.	
United States	242
Irish	284
English	20
Scotch	9
German	27
British American	43
Italian	35
Russian	17
Swedish	11
Other Countries	47
Mixed	79
One parent unknown	53
Unknown	62
Still-births during the month	56

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1901.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																
1. Typhoid Fever	6												1	1	2					1										4	2
2. Exanthematous typhus																																
3. Recurrent fever																																
4. Intermittent fever and malarial cachexia																																
4a. Malarial cachexia																																
5. Variola																																
6. Measles	11	3	5	1	1	1	11																								6	5
7. Scarlatina	18		4	3	3	5	15	4				1																			11	7
8. Whooping cough	5	4				1	5																								1	4
9. Diphtheria and croup	2		1			1	2																								2	
9a. Diphtheria	22	2	5	2	4		11	8	1	1			1																		12	10
10. Grippe	8		1				1				1	1		1					1	1		1	1							6	2
11. Miliary Fever																																
12. Asiatic Cholera																																
13. Cholera nostras																																
14. Dysentery																																
14a. Dysentery, epidemic																																
15. Pest (Plague; bubonic plague)																																
16. Yellow fever																																
17. Leprosy																																
18. Erysipelas	6	1					1								1	1	1	1		1											2	4
19. Other epidemic affections																																
20. Purulent infection and septicemia	3											2	1																		2	1
21. Glanders and farcy																																
22. Malignant pustule and charbon (anthrax)																																
23. Rabies																																
24. Actinomycosis, trichinosis, etc.																																
25. Pellagra																																
26. Tubercle of the larynx	2												1									1								1	1
27. Tubercle of the lungs	110	3		1		1	5	1	3	4	13	21	15	17	10	4	6	2	5	1	2	1								64	46
28. Tubercle of the meninges	7	1	2	2			5		1		1																			4	3
29. Tubercle, abdominal	5		1				1				1	1		2																3	2
30. Pott's disease	2										1			1																1	1
31. Abscess, cold, and by congestion																																
32. Tumors, white (white swellings)																																
33. Tubercle of other organs	5			1			1	1					1			2															4	1
34. Tubercle, generalized	2				1		1												1												1	1
35. Scrofula																																
36. Syphilis																																
3. Tertiary	2													1					1													2
4. Hereditary	1	1					1																								1	
37. Blennorrhagia of the adult																																
38. Gonococcal infections of the child																																
39. Cancer and other malignant tumors of the buccal cavity	3													1			1	1													3	
40. Cancer and other malignant tumors of the stomach and liver	8																2	3	1	1		1								2	6

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1901.	AGE.																									SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	9													1	1	2	1	1			2	1					6	3
42. Cancer and other malignant tumors of the genital organs of the female	7															1	1	2	1			1						6
43. Cancer and other malignant tumors of the breast	5														1	2		1				1						5
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of organs not specified	7														1		2	2	1		1					4	3
46. Other tumors (tumors of the female genital organs excepted)	10							1			1	2			1	1	3		1							6	4
47. Rheumatism, acute, articular																												
48. Rheumatism, chronic, and gout	1																	1									1
49. Scorbutus																												
50. Diabetes	8												3				2			1	1		1			4	4
51. Goitre, exophthalmic																												
52. Addison's disease																												
53. Leukemia	2								1				1													2	
54. Anemia, chlorosis	9	1					1						2	1			2	1		1	1					3	6
55. Other general diseases																												
56. Alcoholism, acute and chronic	4											2			1	1										3	1
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	284	16	17	10	9	7	59	15	6	5	18	30	26	26	19	14	11	15	12	7	7	7	2			158	131
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61. Meningitis, simple	20	7	3	3		1	14			1	1	2			1				1							14	6
61a. Meningitis, epidemic cerebro-spinal	5	3	1				4						1													3	2
62. Locomotor ataxia, progressive																												
63. Other diseases of the spinal cord	1													1												1	
64. Cerebral congestion and hemorrhage	43											1		2	1	4	4	5	3	6	7	4	2	3	1	21	22
65. Cerebral softening	2																1					1					2
66. Paralysis, without cause assigned	3																	2	1								3
67. General paralysis	6														1		1		1	2	1					1	5
68. Other forms of mental alienation																												
69. Epilepsy	2													1			1									1	1
70. Eclampsia (non-puerperal)																												
71. Convulsions of children	6	5	1				6																			5	1
72. Tetanus																												
73. Chorea																												
74. Hysteria																												
74b. Other affections of the nervous system	2															1						1					2
75. Diseases of the eye and appendages																												
76. Diseases of the ear	1		1				1																				1
Total of the nervous system, etc.,	91	15	6	3		1	25			1	1	3	1	4	3	5	7	7	6	8	8	6	2	3	1	46	45
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	4							1		1									1							1	2

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																															
78. Endocarditis, acute	3										1							2												3	
79. Organic diseases of the heart	82	1					1	2	2	3	2	6	1	8	3	6	8	5	6	10	8	6	4	1		39	43				
80. Angina pectoris	2																	1					1			2				
81. Affections of the arteries (atheroma, aneurism, etc.)	4												1				1		1	1						2	2				
82. Embolism and thrombosis	6									1	1			1		1				1		1				2	4				
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																															
84. Affections of the lymphatic system (lymphangitis, etc.)																															
85. Hemorrhages	3																1	1					1			2	1				
86. Other affections of the circulatory apparatus																															
Total of circulatory apparatus	103	1					1	3	3	5	2	6	3	9	3	7	10	9	8	12	8	7	6	1		48	55				
V Diseases of the Respiratory Apparatus.																															
87. Diseases of the nasal fossæ																															
88. Affections of the larynx	3	2					2						1													2	1				
89. Affections of the thyroid body																															
90. Bronchitis, acute	15	7	2	1			10	1								1					1		2			8	7				
91. Bronchitis, chronic	13	1	1				2			1							2	2	1	2	2		1			4	9				
92. Broncho-pneumonia	72	18	15	2	1	2	38	2			3	1	2	3		3	3	2	3	2	7	1	1		1	32	40				
93. Pneumonia	40	5	2	2			9			1	1	4	1	3	1	3	1		4	5	1	2	2	1	1	22	18				
94. Pleurisy	8	1			1		2					1	2				1	1	1							6	2				
95. Pulmonary congestion and apoplexy	4															1	1					2				3	1				
96. Gangrene of the lung																															
97. Asthma																															
98. Emphysema, pulmonary	1																		1								1				
99. Other diseases of the respiratory apparatus (phthisis excepted)																															
Total respiratory apparatus	156	34	20	5	2	2	63	3		2	4	6	6	6	1	8	8	5	10	9	11	5	6	1	2	77	79				
V. Diseases of the Digestive Apparatus.																															
100. Affections of the mouth and its adnexa																															
101. Affections of the pharynx																															
102. Affections of the esophagus																															
103. Ulcer of the stomach	1										1																1				
104. Other affections of the stomach (cancer excepted)	5													2				1	1			1				2	3				
105. Diarrhœa and enteritis (under two years)	20	17	3				20																			10	10				
105a. Diarrhœa and enteritis, chronic	1																				1						1				
106. Diarrhœa and enteritis (two years and over)	9			3	1		4	1				1								1	1	1				4	5				
107. Parasites, intestinal																															
108. Hernia, intestinal obstructions	6	2					2							2					1				1			2	4				
109. Other affections of the intestines	1													1													1				
110. Icterus, grave																															
111. Hydatid tumors of the liver																															
112. Cirrhosis of the liver	6														1		2	1		1		1				3	3				
113. Biliary calculi	1															1											1				
114. Other affections of the liver	3				1		1					1								1							3				
115. Affections of the spleen																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for May, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																															
116. Peritonitis, simple (puerperal excepted),	14										1	2			2		4	2		1	2							8	6
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	2															1		1										2	
118. Appendicitis and abscess of the iliac fossa	6									2		1	1	1							1							4	2
Total digestive apparatus	75	19	3	4	1		27	1		2	2	5	1	4	5	2	6	5	2	4	5	3	1					35	40
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																															
119. Nephritis, acute	41				1		1	1			1	3	2	1	5	1	9	4	4	1	2	3	3					26	15
120. Bright's disease	6														1	1			1	2		1						2	4
121. Other diseases of the kidneys and their adnexa																															
122. Calculi of the urinary tract	1																				1							1	
123. Diseases of the bladder	2											1									1							1	1
124. Diseases of the urethra, urinary abscess, etc.																															
125. Diseases of the prostate																															
126. Non-venereal diseases of the male genital organs																															
127. Metritis																															
128. Hemorrhage, uterine, non-puerperal																															
129. Tumor, uterine, non-cancerous	1											1																			1
130. Other diseases of the uterus	1															1															1
131. Cysts and other tumors of the ovary																															
132. Other diseases of the female genital organs																															
133. Diseases of the breast, non-puerperal (cancer excepted)																															
Total of genito-urinary	52				1		1	1			1	5	2	1	6	3	9	4	5	3	4	4	3					30	22
VII. Puerperal State.																															
134. Accidents of pregnancy																															
135. Hemorrhage, puerperal																															
136. Other accidents of labor																															
137. Septicemia, puerperal	7									1	1	2	2	1																	7
138. Albuminuria and puerperal eclampsia,																															
139. Phlegmasia alba dolens, puerperal																															
140. Other puerperal accidents — sudden death	1													1																	1
141. Puerperal diseases of the breast																															
Total puerperal	8									1	1	2	2	2																	8
VIII. Diseases of the Skin and Cellular Tissue.																															
142. Gangrene																															
143. Furuncle (carbuncle)																															
144. Phlegmon, warm abscess																															
145d. Other diseases of the skin and its adnexa	1																								1						1
Total skin tissue	1																								1						1
IX. Diseases of the Organs of Locomotion.																															
146. Affections of the bones (non-tuberculous)																															
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																															
148. Amputation																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1901.	AGE.																								SEX.	
		Under 1 year	1 year and under 2 years	2 years and under 3 years	3 years and under 4 years	4 years and under 5 years	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	1	1					1																				1
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	54	51	3				54																			38	16
152. Other diseases appertaining to infancy	10	10					10																			4	6
153. Lack of care																											
Total early Infancy	64	61	3				64																			42	22
XII. Old Age.																											
154. Senile debility	31																		2	3	7	7	3	9		11	20
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	2														1			1								1	1
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation	1												1														1
158. Suicide by submersion	3										1		1					1								1	2
159. Suicide by firearms																											
160. Suicide by cutting instruments	2													1					1							1	1
161. Suicide by jumping from high places																											
162. Suicide by crushing	1											1															1
163. Other suicides																											
164. Fractures	6											3				1						1	1			4	2
165. Luxations																											
166. Other accidental traumatisms	13					1	1	2			1	1	1	1			2		1		1					10	3
167. Burns and scalds	8		1	1	1		3					1	1	1			1	1								2	6
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	3							1				1					1									3	
173. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	3														2			1								3	
175. Other acute poisonings	2											1				1										1	1
176. Other external violence	8	1					1					2	2	1	1			1								7	1
Total Affections, etc	92	1	1	1	2		5	3			2	10	6	6	4	2	4	2	5		1	1	1			33	19
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	6	1			1		2					1				1			1		1					3	3
Total ill-defined diseases	6	1			1		2					1				1			1		1					3	3
Total from all causes,	429	149	50	28	16	10	248	26	9	16	31	68	47	58	41	42	55	47	48	46	47	41	28	8	13	183	446

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MAY, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. May.	1900. May.	1901. May.	1900. May.		1901. May.	1900. May.	1901. May.	1900. May.
Cholera	—	—	—	—	Measles	705	494	—	—
Chicken-pox	77	57	—	—	Scarlatina	127	197	—	—
Cerebro-spinal Meningitis	4	13	—	—	Smallpox	15	2	—	—
Diphtheria and Croup	315	348	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	131	90 (May 17-31)	—	—	Typhoid fever	31	33	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,978
Calves "	1,662
Sheep "	579
Hogs "	—
Cattle condemned	4,380 lbs.
Calves "	— "
Sheep "	— "
Hogs "	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal (immatured)	732 lbs.
Poultry (tainted)	944 "

VEGETABLES.

Beans	186 baskets
Potatoes	1 bbl.

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	116	422	3	18	31	1	591
Release	13	32	—	96	217	—	358
Totals	129	454	3	114	248	1	949

	Positive.	Negative.	Unsat.	
Tuberculosis	57	154	—	211
Typhoid	5	37	4	46
Glanders	5	5	4	14
Other Examinations	2	5	—	7
			Grand Total	1,227

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May, 1901, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	29.96	46	86	E.	.20
2	29.74	46	86	S.W.	.01
3	29.68	50	56	N.W.	.82
4	29.87	52	39	N.W.	.00
5	29.76	50	66	N.	.00
6	29.88	50	68	S.E.	.00
7	29.79	58	50	W.	.00
8	29.96	60	54	S.W.	.00
9	30.09	50	46	E.	.00
10	30.04	50	98	N.E.	.31
11	29.74	58	90	S.	.58
12	29.72	63	62	S.W.	*T
13	29.82	58	68	W.	.25
14	30.06	59	50	W.	.00
15	30.12	60	60	S.W.	.00
16	30.14	56	62	E.	.00
17	30.03	63	66	E.	.00
18	29.91	51	90	N.E.	.24
19	29.92	47	99	N.E.	1.45
20	30.08	45	98	N.E.	.72
21	30.07	52	86	E.	.00
22	29.95	70	72	S.W.	.00
23	29.72	70	72	W.	.07
24	29.97	61	82	N.E.	.40
25	30.19	48	93	N.E.	.37
26	30.11	50	72	E.	.00
27	29.76	48	95	N.E.	.63
28	29.62	53	96	N.E.	.25
29	29.88	51	92	N.E.	*T
30	29.88	48	95	N.E.	*T
31	29.81	60	86	S.W.	.01
Totals.....	—	—	—	—	6.31
Means.....	29.910	54.3	76.7	N.E.	.203

GENERAL ITEMS.

Mean Barometer, 29.910.
Highest Barometer, 30.213 on the 25th.
Lowest Barometer, 29.521 on the 3d.
Monthly Range of Barometer, 0.692.
Mean Temperature, 54.3.
Highest Temperature, 84 on the 22d.
Lowest Temperature, 38 on the 2d.
Monthly Range of Temperature, 46.
Greatest Daily Range of Temperature, 28 on the 24th.
Least Daily Range of Temperature, 2 on the 19th.
Mean Daily Range of Temperature, 13.4.
Mean Daily Dew-point, 45.7.
Mean Daily Relative Humidity, 76.7.
Prevailing Direction of Wind, N.E. — 27%.
Total Movement of Wind, 8,294 miles.
Highest Velocity of Wind and Direction, 36—N.E.— on the 24th.
Number of Foggy Days, 0. Number of Fair Days, 10.
Number of Clear Days, 7. Number of Cloudy Days, 14.
Total Number of Days on which Rain or Snow fell, 15.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storm, 2.24. Dates of Frosts, none.
Mean Max. Temperature, 61.0. Mean Min. Temperature, 47.6.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	58	1871	4.54
1872	58	1872	3.29
1873	58	1873	5.16
1874	57	1874	3.70
1875	58	1875	3.76
1876	54	1876	2.70
1877	55	1877	3.38
1878	56	1878	1.02
1879	60	1879	0.97
1880	63	1880	1.67
1881	55	1881	4.16
1882	49	1882	6.05
1883	56	1883	5.11
1884	54	1884	3.31
1885	52	1885	4.26
1886	56	1886	3.08
1887	59	1887	1.67
1888	52	1888	5.20
1889	60	1889	4.15
1890	57	1890	4.48
1891	56	1891	1.56
1892	56	1892	5.15
1893	56	1893	5.23
1894	58	1894	4.12
1895	60	1895	2.71
1896	60	1896	1.68
1897	58	1897	4.00
1898	56	1898	4.33
1899	58	1899	0.81
1900	55	1900	5.07
1901	54	1901	6.31

* T indicates trace of precipitation.

Average mean temperature for 31 years, 57.

Average monthly precipitation for 31 years, 3.82.

[6—'01—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of June, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of June, 1901 813

Population by Census . . . . . 573,579 Rate per 1,000 inhabitants, 17.09

Total number	813
SEX.	
Males	432
Females	381
CONDITION.	
Single	420
Married	273
Widowed	115
Divorced	1
Unknown	4
COLOR.	
White	787
Black (Negro or mixed)	24
Indian	—
Chinese	2
Japanese	—
Total deaths of children, Under 1 year	146
Total deaths of children, Under 2 years	187
Total deaths of children, Under 5 years	239
Diarrhœal diseases, Under 1 year	11
Diarrhœal diseases, Under 2 years	11
Diarrhœal diseases, Under 5 years	11
Diarrhœal diseases, All ages	16

NATIVITY.	
United States	518
Ireland	148
England	15
Scotland	7
Germany	9
British America	62
Italy	18
Russia	9
Sweden	8
Other Countries	9
Unknown	10
PARENTAGE.	
United States	196
Irish	266
English	19
Scotch	15
German	16
British American	54
Italian	40
Russian	27
Swedish	9
Other Countries	39
Mixed	59
One parent unknown	24
Unknown	49
Still-births during the month	46

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																															
1. Typhoid Fever	6								1	1	1	1	1				1											3	3
2. Exanthematous typhus																															
3. Recurrent fever																															
4. Intermittent fever and malarial cachexia																															
4a. Malarial cachexia																															
5. Variola																															
6. Measles	14	4	4	1	2	1	12	2																				8	6
7. Scarlatina	12		3	1	1	3	8	4																				7	5
8. Whooping cough	5	3	1	1			5																					2	3
9. Diphtheria and croup	4		2		1	1	4																					2	2
9a. Diphtheria	26	3	5	2	6	2	18	7								1												16	10
10. Grippe	2					1	1												1									1	1
11. Miliary Fever																															
12. Asiatic Cholera																															
13. Cholera nostras																															
14. Dysentery	2																1			1								2	
14a. Dysentery, epidemic																															
15. Pest (Plague; bubonic plague)																															
16. Yellow fever																															
17. Leprosy																															
18. Erysipelas	4	1					1						1					2										3	1
19. Other epidemic affections																															
20. Purulent infection and septicemia	10	2	1				3			1		1		2		1	1	1										4	6
21. Glanders and farcy																															
22. Malignant pustule and charbon (anthrax)																															
23. Rabies																															
24. Actinomycosis, trichinosis, etc.																															
25. Pellagra																															
26. Tubercle of the larynx	1										1																		1		
27. Tubercle of the lungs	114	1	1			1	3	1		6	19	20	14	16	7	8	5	8	4	2	1							65	49
28. Tubercle of the meninges	10	3	3	1	1		8					1	1															7	3
29. Tubercle, abdominal	2												1					1											2
30. Pott's disease																															
31. Abscess, cold, and by congestion																															
32. Tumors, white (white swellings)																															
33. Tubercle of other organs	4	1			1		2			1		1																1	3
34. Tubercle, generalized	2																1											1	1
35. Scrofula	1												1															1	
36. Syphilis																															
3. Tertiary	2											1								1								1	1
4. Hereditary	1	1					1																					1	
37. Blennorrhagia of the adult																															
38. Gonococcal infections of the child																															
39. Cancer and other malignant tumors of the buccal cavity	2																			1	1							1	1
40. Cancer and other malignant tumors of the stomach and liver	12													1		1	2		1	3	2	2						4	8

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—*Concluded.*																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	6												2				1	1	2							4	2
42. Cancer and other malignant tumors of the genital organs of the female	8											1				2	1		2	1	1						8
43. Cancer and other malignant tumors of the breast	6															2		1	1	1	1						6
44. Cancer and other malignant tumors of the skin	1							1																			1
45. Cancer and other malignant tumors of organs not specified	6								1					2				1		2						2	4
46. Other tumors (tumors of the female genital organs excepted)	1																1										1
47. Rheumatism, acute, articular	1					1		1																		1	
48. Rheumatism, chronic, and gout	3																	1				2					3
49. Scorbutus																											
50. Diabetes	7						1	1						1		1			2	1	1					1	6
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	6	2						2								1	1	1				1				3	3
55. Other general diseases																											
56. Alcoholism, acute and chronic	5										1			1			1	2								4	1
57. Saturnism	1															1										1	
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	287	21	20	6	13	10	70	15	2	9	22	26	21	24	7	18	16	19	13	13	7	4	1			146	141
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	17	6	2	4		1	13	1		1			1									1				9	8
61a. Meningitis, epidemic cerebro-spinal	5	1		1			2								1	1	1									2	3
62. Locomotor ataxia, progressive	1																			1							1
63. Other diseases of the spinal cord	3														1		1		1							3	
64. Cerebral congestion and hemorrhage	42	1					1						1	1	2	2	5	4	5	7	4	5	4	1		22	20
65. Cerebral softening	1													1													1
66. Paralysis, without cause assigned	2											1							1							1	1
67. General paralysis	5																1		2		1	1				4	1
68. Other forms of mental alienation																											
69. Epilepsy	2																	1		1						1	1
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	9	6	2	1			9																			3	6
72. Tetanus	1													1												1	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	2									1				1												2	
75. Diseases of the eye and appendages																											
76. Diseases of the ear	1									1																	1
Total of the nervous system, etc.,	91	14	4	6		1	25	1		3		1	2	4	4	3	8	5	9	9	5	7	4	1		48	43
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2		1				1						1													2	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																											
78. Endocarditis, acute	4							1				1		1						1						1	3
79. Organic diseases of the heart	62								2	6	1		3	5	2	2	6	4	8	6	7	7	3			35	27
80. Angina pectoris																											
81. Affections of the arteries (atheroma, aneurism, etc.)	2															1		1								2	
82. Embolism and thrombosis	6													1	1					2	1		1			3	3
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	1																		1								1
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	77		1				1	1	2	6	1	1	4	7	3	3	6	5	9	8	9	7	4			43	34
V Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	4	3			1		4																			2	2
89. Affections of the thyroid body																											
90. Bronchitis, acute	11	3	1				4						2		1		2				1	1				5	6
91. Bronchitis, chronic	2																			1	1						2
92. Broncho-pneumonia	34	13	3	3	1		20	1	1			1		2		1	2	1		4	1					24	10
93. Pneumonia	19	2	4	1		1	8			1	2		1		1		1	1	1				2	1		11	8
94. Pleurisy	1									1																	1
95. Pulmonary congestion and apoplexy																											
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary	1													1												1	
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	72	21	8	4	2	1	36	1	1	2	2	1	3	3	2	1	5	2	1	5	3	1	2	1		43	29
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	3										1		1							1						1	2
104. Other affections of the stomach (cancer excepted)	4		1				1						2					1									4
105. Diarrhœa and enteritis (under two years)	11	10	1				11																			4	7
105a. Diarrhœa and enteritis, chronic																											
106. Diarrhœa and enteritis (two years and over)	3													2							1					2	1
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	9		1				1				1		1			1		1		1	1	2				5	4
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	7											1		1	1	1			1	1				1		4	3
113. Biliary calculi																											
114. Other affections of the liver	5												1		1	1	1				1					3	2
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for June, 1911.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																											
116. Peritonitis, simple (puerperal excepted),	5			1			1				1	1				1		1								1	4
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1																		1							1	
118. Appendicitis and abscess of the iliac fossa	12							1	1		3	1	2	2		2										5	7
Total digestive apparatus	60	10	3	1			14	1	1		6	3	7	5	2	6	1	3	2	3	2	3		1		26	34
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	25	2	1				3			1	1	3	2	1		1	1	3	4	3	1	1				10	15
120. Bright's disease	10									1			2			2	1		2	1	1					4	6
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract	1														1											1	
123. Diseases of the bladder																											
124. Diseases of the urethra, urinary abscess, etc.	1														1											1	
125. Diseases of the prostate	1																		1							1	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous																											
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	38	2	1				3			2	1	3	4	1	2	3	2	3	7	4	2	1				17	21
VII. Puerperal State.																											
134. Accidents of pregnancy																											
135. Hemorrhage, puerperal	1											1															1
136. Other accidents of labor																											
137. Septicemia, puerperal	3										1		1	1													3
138. Albuminuria and puerperal eclampsia,	1														1												1
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents — sudden death	1												1														1
141. Puerperal diseases of the breast																											
Total puerperal	6										1	1	2	1	1												6
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue																											
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation	1															1											1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1901.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and under 95 years.	95 years and upwards.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																																
149. Other affections of the organs of locomotion																																
Total organs locomotion	1															1																1
X. Malformations.																																
150. Malformations, congenital (still-births excepted)	2	2					2																								1	1
XI. Early infancy.																																
151. Congenital debility, icterus and sclerema	65	61	3	1			65																								33	32
152. Other diseases appertaining to infancy,	7	7					7																								5	2
153. Lack of care																																
Total early infancy	72	68	3	1			72																								38	34
XII. Old Age.																																
154. Senile debility	26																			3	5	5	3	7	3						10	16
XIII. Affections Produced by External Causes.																																
155. Suicide by poison	2													2																	1	1
156. Suicide by asphyxia																																
157. Suicide by hanging or strangulation	1												1																			1
158. Suicide by submersion																																
159. Suicide by firearms	2											1							1												2	
160. Suicide by cutting instruments	1													1																		1
161. Suicide by jumping from high places																																
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures	11							1			2		2	2			1	1			2										7	4
165a. Luxations																																
166. Other accidental traumatisms	11				1		1		1		2			1	2	1			2		1										9	2
167. Burns and scalds	4			1	1		2	1	1																						2	2
168. Burns by corrosive substances																																
169. Insolation	27	6	1	1			8			1	2		4	3	2	6					1										21	6
170. Freezing																																
171. Electrical disturbances	1													1																	1	
172. Accidental submersion	9					1	1	2			1		1	2		1			1												9	
173a. Inanition																																
174. Absorption of deleterious gases (suicide excepted)	1												1																		1	
175. Other acute poisonings	1				1		1																									1
176. Other external violence	4	1			1		2					1		1																	3	1
Total affections, etc.	75	7	1	2	4	1	15	4	2	1	7	2	9	13	4	8	1	1	4		4										56	19
XIV. Ill-defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Non-specified or ill-defined causes of death	6	1					1				1	1	1			1		1													4	2
Total ill defined diseases	6	1					1				1	1	1			1		1													4	2
Total from all causes,	815	146	41	29	19	15	239	23	8	23	41	39	53	58	25	44	39	39	45	45	37	28	14	10	3	432	381

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JUNE, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. June.	1900. June.	1901. June.	1900. June.		1901. June.	1900. June.	1901. June.	1900. June.
Cholera	—	—	—	—	Measles	706	313	—	—
Chicken-pox	27	—	—	—	Scarlatina	83	86	—	—
Cerebro-spinal Meningitis	4	1	—	—	Smallpox	—	7	1	—
Diphtheria and Croup	278	304	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	86	167	—	—	Typhoid fever	22	40	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,703
Calves "	1,412
Sheep "	265
Hogs "	—
Cattle condemned, 10	4,200 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal	191 lbs.
Poultry	949 "
Mutton	425 "
Tripe	200 "

VEGETABLES.

Cabbage	101 barrels
Tomatoes	21 crates
Cucumbers	10 baskets
Beans	18 crates
Asparagus	72 bunches
Corn	1 barrel
Berries	2 crates

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	85	259	5	8	41	—	398
Release	13	54	1	68	259	6	401
Totals	98	313	6	76	300	6	799
	Positive.		Negative.		Unsat.		
Tuberculosis	42		133		—		175
Typhoid	1		51		6		58
Glanders	2		5		8		15
Other Examinations	5		9		2		16
					Grand Total		1,063

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of June, 1901, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.83	52	98	N.N.E.	*T
2	29.90	54	85	E.N.W.	*T
3	29.80	64	70	W.	.00
4	29.85	66	58	W.	.00
5	29.99	72	50	W.	.00
6	29.96	76	57	S.W.	.00
7	29.82	70	88	S.W.	.08
8	29.78	60	59	W.	.29
9	29.87	58	56	W.	*T
10	30.02	64	50	W.	.00
11	30.12	68	50	W.	.00
12	30.10	70	62	W.	.00
13	30.22	67	54	E.	.00
14	29.96	70	80	S.W.	.00
15	30.14	62	84	N.E.	.00
16	30.09	58	64	E.	.00
17	30.02	64	50	N.W.	.00
18	30.90	66	49	S.W.	.00
19	30.07	61	61	E.	.00
20	30.19	67	68	S.	.00
21	30.06	70	81	S.W.	.04
22	29.89	70	91	S.W.	.49
23	29.66	66	95	E.	.18
24	29.83	68	88	E.	.02
25	30.01	70	72	E.S.E.	.09
26	30.11	78	63	E.	.00
27	29.98	82	66	S.W.	.00
28	29.87	85	74	S.W.	.00
29	29.80	83	75	S.W.	.00
30	29.83	83	58	S.W.	.12
31					
TOTALS.....	—	—	—	—	1.31
MEANS.....		68.7		S.W.	.043

GENERAL ITEMS.

Mean Barometer, 29.962.
Highest Barometer, 30.271 on the 13th.
Lowest Barometer, 29.713 on the 23d.
Monthly Range of Barometer, 0.558.
Mean Temperature, 68.2.
Highest Temperature, 97 on the 28th.
Lowest Temperature, 49 on the 2d.
Monthly Range of Temperature, 48.
Greatest Daily Range of Temperature, 26 on the 4th.
Least Daily Range of Temperature, 5 on the 1st.
Mean Daily Range of Temperature, 18.1.
Mean Daily Dew-point, 56.2.
Mean Daily Relative Humidity, 68.5.
Prevailing Direction of Wind, S.W.—32%.
Total Movement of Wind, 7,256 miles.
Highest Velocity of Wind and Direction, 30—N.E.—on the 15th.
Number of Foggy Days, 1. Number of Fair Days, 8.
Number of Clear Days, 16. Number of Cloudy Days, 6.
Total Number of Days on which Rain or Snow fell, 8.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storm, 21st, 22d, 23d. Dates of Frosts, none.
Mean Max. Temperature, 77.2. Mean Min. Temperature, 59.1.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	66	1871	5.55
1872	68	1872	4.84
1873	68	1873	0.54
1874	66	1874	3.94
1875	67	1875	7.25
1876	68	1876	1.72
1877	67	1877	3.21
1878	64	1878	2.23
1879	64	1879	6.24
1880	67	1880	0.75
1881	61	1881	7.79
1882	66	1882	1.03
1883	69	1883	2.07
1884	66	1884	4.01
1885	66	1885	3.70
1886	63	1886	1.34
1887	64	1887	1.98
1888	67	1888	2.69
1889	68	1889	2.77
1890	64	1890	2.21
1891	65	1891	3.06
1892	70	1892	3.05
1893	65	1893	2.20
1894	69	1894	0.80
1895	67	1895	1.73
1896	66	1896	2.71
1897	62	1897	4.46
1898	66	1898	1.60
1899	70	1899	2.86
1900	69	1900	1.85
1901	68	1901	1.31

*T indicates trace of precipitation.

Average mean temperature for 31 years, 66.

Average monthly precipitation for 31 years, 2.95.

UNION LABEL TRADES AND LABOR COUNCIL SYRACUSE

[7—'01—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of July, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of July, 1901 894

Population by Census . . . . . 573,579 Rate per 1,000 inhabitants, 18.70

Total number	894
SEX.	
Males	455
Females	439
CONDITION.	
Single	503
Married	250
Widowed	134
Divorced	3
Unknown	4
COLOR.	
White	874
Black (Negro or mixed)	16
Indian	—
Chinese	4
Japanese	—
Total deaths of children, Under 1 year	222
Total deaths of children, Under 2 years	272
Total deaths of children, Under 5 years	314
Diarrhœal diseases, Under 1 year	100
Diarrhœal diseases, Under 2 years	114
Diarrhœal diseases, Under 5 years	118
Diarrhœal diseases, All ages	128

NATIVITY.	
United States	582
Ireland	159
England	8
Scotland	14
Germany	14
British America	56
Italy	14
Russia	9
Sweden	8
Other Countries	20
Unknown	10
PARENTAGE.	
United States	176
Irish	292
English	13
Scotch	13
German	21
British American	49
Italian	32
Russian	29
Swedish	9
Other Countries	52
Mixed	84
One parent unknown	63
Unknown	61
Still-births during the month	40

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
1. General Diseases.																													
1. Typhoid Fever	9	1			1		2			3	1			2		1										6	3
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
4a. Malarial cachexia																													
5. Variola	1												1													1			
6. Measles	10	5	4	1			10																			5	5		
7. Scarlatina	20	1	3	3	4	2	13	5	2																	15	5		
8. Whooping cough	4	3			1		4																			1	3		
9. Diphtheria and croup	1					1	1																				1		
9a. Diphtheria	16		2	3	2	3	10	4	1			1														7	9		
10. Grippe	4	1		1			2														1	1				1	3		
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras	1							1																		1			
14. Dysentery	2							1												1						1	1		
14a. Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	5	2					2				1	1				1										4	1		
19. Other epidemic affections																													
20. Purulent infection and septicemia	5				1		1					1	1	1				1								2	3		
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx	1										1																1		
27. Tubercle of the lungs	86				1	1	2	3	3	3	15	13	12	15	4	5	3	3	1	3	1					48	38		
28. Tubercle of the meninges	10	6	1	2			9				1															4	6		
29. Tubercle, abdominal	3													1	1				1							1	2		
30. Pott's disease	1				1		1																				1		
31. Abscess, cold, and by congestion																													
32. Tumors, white (white swellings)																													
33. Tubercle of other organs	2									2																1	1		
34. Tubercle, generalized	8	2					2				3	1		1	1											5	3		
35. Scrofula	1												1														1		
36. Syphilis																													
3. Tertiary																													
4. Hereditary	2	2					2																				2		
37. Blennorrhagia of the adult																													
38. Gonococcal infections of the child																													
39. Cancer and other malignant tumors of the buccal cavity	2																1		1							2			
40. Cancer and other malignant tumors of the stomach and liver	16											1	1	1	1	1	3	3	4				1						

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	5													1	1	1			1	1						2	3
42. Cancer and other malignant tumors of the genital organs of the female	3															1	1	1									3
43. Cancer and other malignant tumors of the breast	6											1						1	2	1	1						6
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	3																	1	1			1				1	2
46. Other tumors (tumors of the female genital organs excepted)	6											1	2	1			1			1						5	1
47. Rheumatism, acute, articular	1											1														1	
48. Rheumatism, chronic, and gout																											
49. Scorbutus																											
50. Diabetes	3																1			1	1					2	1
51. Goitre, exophthalmic																											
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	3																	1		2						1	2
55. Other general diseases																											
56. Alcoholism, acute and chronic	7												1	3		3										5	2
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	247	23	10	10	11	7	61	14	6	8	22	21	19	26	8	13	6	12	9	14	4	1	2	1		130	117
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	1	1					1																			1	
61. Meningitis, simple	18	7	5				12	4						2												10	8
61a. Meningitis, epidemic cerebro-spinal	5	3					3						1	1												3	2
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord	4														1	1				1			1			4	
64. Cerebral congestion and hemorrhage	31												2	1	3	3	5	3	2	2	4	3	6			20	11
65. Cerebral softening	3																		2			1				2	1
66. Paralysis, without cause assigned																											
67. General paralysis	9												1			1		2	1	4						7	2
68. Other forms of mental alienation	1																							1			1
69. Epilepsy	1							1																		1	
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	12	7	3	2			12																			5	7
72. Tetanus	1	1					1																			1	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	2										1	1														1	1
75. Diseases of the eye and appendages																											
76. Diseases of the ear	3		1	1			2							1												1	2
Total of the nervous system, etc.,	94	19	9	3			31	5			1	1	4	5	4	5	5	5	5	7	4	4	7	1		56	38
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2															1			1							2	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																															
78. Endocarditis, acute	4			1			1					1	1							1										3	1
79. Organic diseases of the heart	67							3		1		1	8	8	1	3	5	8	4	12	7	4	1		1					26	41
80. Angina pectoris	1													1																1	
81. Affections of the arteries (atheroma, aneurism, etc.)																															
82. Embolism and thrombosis	1																				1										1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																															
84. Affections of the lymphatic system (lymphangitis, etc.)																															
85. Hemorrhages	3	1					1						2																	2	1
86. Other affections of the circulatory apparatus																															
Total of circulatory apparatus	78	1		1			2	3		1		2	11	9	1	4	5	8	5	13	8	4	1		1					34	44
IV. Diseases of the Respiratory Apparatus.																															
87. Diseases of the nasal fossæ																															
88. Affections of the larynx																															
89. Affections of the thyroid body																															
90. Bronchitis, acute	7	4	1	1	1		7																							2	5
91. Bronchitis, chronic	2			1			1															1									2
92. Broncho-pneumonia	10	1	6	1			8						1				1													3	7
93. Pneumonia	15	3	2				5			1	2			2					2	2		1								7	8
94. Pleurisy	3											2						1												3	
95. Pulmonary congestion and apoplexy																															
96. Gangrene of the lung																															
97. Asthma																															
98. Emphysema, pulmonary																															
99. Other diseases of the respiratory apparatus (phthisis excepted)																															
Total respiratory apparatus	37	8	9	3	1		21			1	2	2	1	2			1	1	2	2		2								15	22
V. Diseases of the Digestive Apparatus.																															
100. Affections of the mouth and its adnexa																															
101. Affections of the pharynx																															
102. Affections of the esophagus																															
103. Ulcer of the stomach																															
104. Other affections of the stomach (cancer excepted)	3												1				1	1												2	1
105. Diarrhœa and enteritis (under two years)	114	100	14				114																							52	62
105a. Diarrhœa and enteritis, chronic	4			2			2												1			1								3	1
106. Diarrhœa and enteritis (two years and over)	7			2			2												1	1		2		1							7
107. Parasites, intestinal																															
108. Hernia, intestinal obstructions	6	1					1										2				1	2								1	5
109. Other affections of the intestines	1																		1												1
110. Icterus, grave																															
111. Hydatid tumors of the liver																															
112. Cirrhosis of the liver	9												1	3			2	1	1			1								5	4
113. Biliary calculi																															
114. Other affections of the liver	4														1				2		1									1	3
115. Affections of the spleen	1																1														1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for July, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus.—*Concluded.*																											
116. Peritonitis, simple (puerperal excepted),	12							1	1		2	2		1	1	1	1			1	1					4	8
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1																	1									1
118. Appendicitis and abscess of the iliac fossa	13	1					1	3	1	2	2	1	1			1				1						9	4
Total digestive apparatus	175	102	14	4			120	4	2	2	4	3	3	4	2	2	7	2	7	3	3	4	2	1		77	98
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	27	1					1	1		1	1		2	1	3	1	3	1	2	3	3	2	2			17	10
120. Bright's disease	11									1			1	2	1	1	1	2			2					6	5
121. Other diseases of the kidneys and their adnexa	3													1				2								2	1
122. Calculi of the urinary tract																											
123. Diseases of the bladder	2																	2								1	1
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	2																		1	1						2	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1															1											1
130. Other diseases of the uterus	1																					1					1
131. Cysts and other tumors of the ovary	2												1			1											2
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	49	1					1	1		2	1		4	4	4	2	6	7	3	4	5	2	3			28	21
VII. Puerperal State.																											
134. Accidents of pregnancy	3											1	1	1													3
135. Hemorrhage, puerperal	1												1														1
136. Other accidents of labor																											
137. Septicemia, puerperal	2									1		1															2
138. Albuminuria and puerperal eclampsia,	1												1														1
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	7									1		2	3	1													7
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1													1												1	
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	2	1					1											1								1	1
Total skin tissue	3	1					1							1				1								2	1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	1															1										1	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation	1																	1								1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	2															1	1								2	
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	5	4	1				5																		2	3
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	53	49	4				53																		28	25
152. Other diseases appertaining to infancy,	5	5					5																		5	
153. Lack of care																											
Total early infancy	58	54	4				58																		33	25
XII. Old Age.																											
154. Senile debility	20																		1	4	2	5	5	3	5	15
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	2											1		1											1	1
156. Suicide by asphyxia	1													1											1	
157. Suicide by hanging or strangulation	2											2													2	
158. Suicide by submersion	1													1												1
159. Suicide by firearms	1																	1								1
160. Suicide by cutting instruments	1																	1							1	
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	5					1	1			1				1				1				1			2	3
165a. Luxations																											
166. Other accidental traumatisms	29	1		1			2	1	1		1	2	5	5	6		2	2		1			1		28	1
167. Burns and scalds	8				1		1	4				2	1												1	7
168. Burns by corrosive substances																											
169. Insolation	50	4	2				6				1	2	8	6	2	1	3	5	2	6	5	1	1	1	24	26
170. Freezing																											
171. Electrical disturbances	1																		1						1	
172. Accidental submersion	4	1					1					3													4	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings	1																1									1
176. Other external violence	1	1					1																		3	
Total affections, etc.	107	7	2	1	1	1	12	5	1	1	2	9	17	11	12	1	6	7	6	7	5	1	3	1	66	41
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	12	2					2	2		1		2		2	1		1	1							5	7
Total ill-defined diseases	12	2					2	2		1		2		2	1		1	1							5	7
Total from all causes,	894	222	49	22	13	8	314	34	9	17	32	42	62	65	32	27	38	44	38	51	33	20	23	9	4	435	439

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JULY, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. July.	1900. July.	1901. July.	1900. July.		1901. July.	1900. July.	1901. July.	1900. July.
Cholera	—	—	—	—	Measles	453	195	—	—
Chicken-pox	42	16	—	—	Scarlatina	98	65	—	—
Cerebro-spinal Meningitis	8	8	—	—	Smallpox	2	—	—	—
Diphtheria and Croup	180	224	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	99	103	—	—	Typhoid fever	31	58	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	1,586
Calves "	1,413
Sheep "	286
Hogs "	—
Cattle condemned, 6	2,470 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	
Veal (immatured)	1,716 lbs.
Veal (tainted)	918 "
Poultry	880 "
Mutton	221 "
Livers	168 "
FISH.	
Fish	640 "
VEGETABLES.	
Berries	800 quarts
Beans	14 crates 2 barrels
Potatoes	2 "
Cucumbers	17 crates
Egg plant	7 "
Melons	226 "
Tomatoes	26 "

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	41*	187	1	6	21	—	256
Release	8	32	—	30	139	1	210
Totals	49	219	1	36	160	1	466

	Positive.	Negative.	Unsat.	
Tuberculosis	55	107	—	162
Typhoid	1	69	—	70
Glanders	3	—	2	5
Other Examinations	2	6	1	9
			Grand Total	712

*One positive culture from eyes of patient.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of July, 1901, as reported by J. W. SMITH, L. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.98	84	52	N.W.	.00
2	29.96	88	58	S.W.	.06
3	29.83	86	61	N.	.00
4	29.88	71	66	S.	.00
5	29.84	68	88	S.E.	.11
6	29.84	64	96	N.E.	.11
7	29.81	68	90	W.	.01
8	30.00	76	60	N.	*T
9	30.18	65	96	N.E.	.05
10	30.06	71	87	S.W.	.00
11	29.93	76	84	N.E.	.94
12	30.19	66	80	N.E.	.94
13	30.24	66	74	W.	.00
14	30.14	77	74	S.W.	.00
15	29.95	82	76	S.W.	.00
16	29.82	84	79	S.W.	.00
17	29.77	79	86	S.W.	.14
18	29.81	80	88	W.	.00
19	29.86	72	85	E.	.09
20	29.97	73	56	N.E.	.00
21	29.84	78	69	S.W.	.00
22	29.80	84	62	S.W.	*T
23	29.93	76	58	E.	.00
24	29.88	76	58	W.	.00
25	30.02	60	71	S.E.	.93
26	30.08	64	74	E.	*T
27	30.16	68	69	S.E.	.00
28	29.96	67	88	S.W.	*T
29	29.92	64	92	N.E.	1.81
30	29.79	74	82	W.	.01
31	29.76	76	75	W.	.00
TOTALS.....	—	—	—	—	5.20
MEANS.....	29.94	73.4	75.2	S.W.	.168

GENERAL ITEMS.

Mean Barometer, 29.942.
Highest Barometer, 30.29 on the 13th.
Lowest Barometer, 29.75 on the 31st.
Monthly Range of Barometer, 0.539.
Mean Temperature, 73.4.
Highest Temperature, 96 on the 3d.
Lowest Temperature, 53 on the 25th.
Monthly Range of Temperature, 43.
Greatest Daily Range of Temperature, 43 on the 24th.
Least Daily Range of Temperature, 5 on the 6th.
Mean Daily Range of Temperature, 16.2.
Mean Daily Dew-point, 63.8.
Mean Daily Relative Humidity, 75.2.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 6,763 miles.
Highest Velocity of Wind and Direction, 34—S.W.—on the 22d.
Number of Foggy Days, 1. Number of Fair Days, 14.
Number of Clear Days, 8. Number of Cloudy Days, 9.
Total Number of Days on which Rain or Snow fell, 12.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storms, 2d, 11th, 17th, 18th, 22d, 29th. Dates of Frosts, none.
Mean Max. Temperature, 81.5. Mean Min. Temperature, 65.4.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	71	1871	3.24
1872	75	1872	4.00
1873	73	1873	3.84
1874	73	1874	3.47
1875	71	1875	3.93
1876	74	1876	5.86
1877	70	1877	2.87
1878	64	1878	4.58
1879	70	1879	3.09
1880	70	1880	6.86
1881	68	1881	2.96
1882	72	1882	3.31
1883	71	1883	2.73
1884	68	1884	4.25
1885	71	1885	1.44
1886	74	1886	1.81
1887	73	1887	3.59
1888	68	1888	1.79
1889	69	1889	5.80
1890	74	1890	1.63
1891	69	1891	3.75
1892	73	1892	2.56
1893	71	1893	1.72
1894	74	1894	3.09
1895	69	1895	2.98
1896	72	1896	2.90
1897	72	1897	4.22
1898	72	1898	4.42
1899	71	1899	3.45
1900	74	1900	3.69
1901	73	1901	5.20

*T indicates trace of precipitation. Average mean temperature for 31 years, 72. Average monthly precipitation for 31 years, 3.90.

[8–'01–70–350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of August, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of August, 1901 989

Population estimated at . . . . 573,579 Rate per 1,000 inhabitants, 20.69

Total number	989
SEX.	
Males	505
Females	484
CONDITION.	
Single	639
Married	229
Widowed	111
Divorced	1
Unknown	9
COLOR.	
White	969
Black (Negro or mixed)	15
Indian	—
Chinese	5
Japanese	—
Total deaths of children, Under 1 year	363
Total deaths of children, Under 2 years	411
Total deaths of children, Under 5 years	457
Diarrhœal diseases, Under 1 year	176
Diarrhœal diseases, Under 2 years	194
Diarrhœal diseases, Under 5 years	202
Diarrhœal diseases, All ages	216

NATIVITY.	
United States	725
Ireland	123
England	17
Scotland	5
Germany	10
British America	46
Italy	14
Russia	9
Sweden	7
Other Countries	16
Unknown	17
PARENTAGE.	
United States	234
Irish	263
English	16
Scotch	10
German	22
British American	54
Italian	46
Russian	34
Swedish	17
Other Countries	76
Mixed	98
One parent unknown	58
Unknown	61
Still-births during the month	55

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
1. General Diseases.																													
1. Typhoid Fever	13							1		1	4	3	2	2														5	8
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
4a. Malarial cachexia																													
5. Variola	3	1		1			2								1													2	1
6. Measles	5		4	1			5																					2	3
7. Scarlatina	15		2	3	3	1	9	4	1				1															11	4
8. Whooping cough	8	3	3	2			8																					4	4
9. Diphtheria and croup																													
9a. Diphtheria	12	2	2	2	1	1	8	3	1																			4	8
10. Grippe																													
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras																													
14. Dysentery	11	5		1			6				1						1			1	1	1						5	6
14a. Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	2	2					2																					2	
19. Other epidemic affections																													
20. Purulent infection and septicemia	4					1	1			1					1							1					2	2
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx	1														1													1	
27. Tubercle of the lungs	112	4	1				5	1	2	1	24	19	16	12	10	10	4	4	1	3								50	62
28. Tubercle of the meninges	14	4	2	1	1	1	9	4				1																5	9
29. Tubercle, abdominal	3		1			1	2				1																	2	1
30. Pott's disease	1							1																				1	
31. Abscess, cold, and by congestion																													
32. Tumors, white (white swellings)																													
33. Tubercle of other organs	3										1		1	1														1	2
34. Tubercle, generalized	5				1	1	2					1		1				1										4	1
35. Scrofula	1	1					1																					1	
36. Syphilis																													
3. Tertiary	1										1																		1
4. Hereditary	2	2					2																						2
37. Blennorrhagia of the adult																													
38. Gonococcal infections of the child																													
39. Cancer and other malignant tumors of the buccal cavity																													
40. Cancer and other malignant tumors of the stomach and liver	19												1	2	5	5	2	3				1						11	8

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—*Concluded.*																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	11											1	1	2				2	2	1	2					2	9
42. Cancer and other malignant tumors of the genital organs of the female	6												1		1	1	1			1	1						6
43. Cancer and other malignant tumors of the breast	2																			2							2
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	4														1		1					1	1			2	2
46. Other tumors (tumors of the female genital organs excepted)	4														1	1	1	1								3	1
47. Rheumatism, acute, articular	1																			1							1
48. Rheumatism, chronic, and gout																											
49. Scorbutus																											
50. Diabetes	4							1							1					1	1					2	2
51. Goitre, exophthalmic	1																	1									1
52. Addison's disease																											
53. Leukemia	1														1												1
54. Anemia, chlorosis	5	1					1			1		1		1		1										3	2
55. Other general diseases																											
56. Alcoholism, acute and chronic	3										1		1							1						1	2
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings	1																			1							1
Total general diseases	278	25	15	11	7	5	63	15	4	4	33	26	23	20	19	19	13	11	6	10	7	3	2			126	152
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	5	1					1	1							1			1		1						3	2
61. Meningitis, simple	17	7	7	1	1		16					1														9	8
61a. Meningitis, epidemic cerebro-spinal	5	4					4	1																		2	3
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord	2	1					1											1									2
64. Cerebral congestion and hemorrhage	35										1			1	4	1	2	6	4	6	5	3	1		1	17	18
65. Cerebral softening	2														1								1			2	
66. Paralysis, without cause assigned																											
67. General paralysis	5													1		1	1		1		1					2	3
68. Other forms of mental alienation	2																		1			1				1	1
69. Epilepsy	2											1			1											2	
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	6	5		1			6																			5	1
72. Tetanus																											
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	2													1			1									1	1
75. Diseases of the eye and appendages																											
76. Diseases of the ear	2	1					1					1														2	
Total of the nervous system, etc.,	85	19	7	2	1		29	2			1	3		3	7	2	4	8	6	7	6	4	2		1	46	39
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	2	1					1		1																	2	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																											
78. Endocarditis, acute	7	1					1	1	1			1		1		1				1						3	4
79. Organic diseases of the heart	51	1	1	1			3		2		1	3	2	2	2	2	8		3	12	2	5	3	1		24	27
80. Angina pectoris	4											1					2	1								3	1
81. Affections of the arteries (atheroma, aneurism, etc.)	2															1				1						1	1
82. Embolism and thrombosis	4									1					1	1						1				2	2
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	5	4					4													1						1	4
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	75	7	1	1			9	1	4	1	1	5	2	3	3	5	10	1	3	13	4	6	3	1		36	39
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	10	5		1			6												1	2					1	4	6
91. Bronchitis, chronic	6	1					1										1	1			1	2				2	4
92. Broncho-pneumonia	17	7	1	2			10				1	4			1		1									12	5
93. Pneumonia	16	6	1	2			9	1						1					2	3						9	7
94. Pleurisy																											
95. Pulmonary congestion and apoplexy	1											1														1	
96. Gangrene of the lung	1														1											1	
97. Asthma																											
98. Emphysema, pulmonary	1			1			1																			1	
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	52	19	2	6			27	1			1	5		1	2		2	1	3	5	1	2			1	30	22
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	2																	1	1							2	
104. Other affections of the stomach (cancer excepted)	4		1				1											2				1				2	2
105. Diarrhœa and enteritis (under two years)	188	171	17				188																			99	89
105a. Diarrhœa and enteritis, chronic	2		1				1												1							1	1
106. Diarrhœa and enteritis (two years and over)	15			6		1	7								1	3	1	1		1	1					7	8
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	8	1					1							1				1	1	1						2	6
109. Other affections of the intestines	2														1										1	1	1
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	6											1			1		2		2							3	3
113. Biliary calculi																											
114. Other affections of the liver	8									1				1	1		1		2		1	1				5	3
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for August, 1901.	AGE.																														SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																																	
116. Peritonitis, simple (puerperal excepted),	11			1				1	1	1	1	2	1	1		1	2														3	8
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1															1																1
118. Appendicitis and abscess of the iliac fossa	11	1					1	2		1	2	1				2		1				1									8	3
Total digestive apparatus	258	173	20	6		1	200	3	1	3	4	3	1	2	8	5	6	6	8	1	2	4			1	133	125
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																																	
119. Nephritis, acute	28	1	1				2		1		1		6	2	1	5	2	4	2	1	1					15	13
120. Bright's disease	6										1		1				2	1				1				5	1
121. Other diseases of the kidneys and their adnexa																																	
122. Calculi of the urinary tract	1															1																1
123. Diseases of the bladder	1								1																							1
124. Diseases of the urethra, urinary abscess, etc.																																	
125. Diseases of the prostate	2																			1	1					2	
126. Non-venereal diseases of the male genital organs																																	
127. Metritis																																	
128. Hemorrhage, uterine, non-puerperal																																	
129. Tumor, uterine, non-cancerous	1																	1														1
130. Other diseases of the uterus																																	
131. Cysts and other tumors of the ovary	1															1																1
132. Other diseases of the female genital organs																																	
133. Diseases of the breast, non-puerperal (cancer excepted)																																	
Total of genito-urinary	40	1	1				2		2		2		7	2	2	5	5	6	2	2	2	1				22	18
VII. Puerperal State.																																	
134. Accidents of pregnancy	3										1		1	1																		3	
135. Hemorrhage, puerperal																																	
136. Other accidents of labor																																	
137. Septicemia, puerperal	2										1	1																				2	
138. Albuminuria and puerperal eclampsia,	2										1			1																		2	
139. Phlegmasia alba dolens, puerperal																																	
140. Other puerperal accidents — sudden death	1											1																				1	
141. Puerperal diseases of the breast																																	
Total puerperal	8										3	2	1	2																		8	
VIII. Diseases of the Skin and Cellular Tissue.																																	
142. Gangrene																																	
143. Furuncle (carbuncle)																																	
144. Phlegmon, warm abscess																																	
145d. Other diseases of the skin and its adnexa	1			1			1																									1	
Total skin tissue	1			1			1																									1	
IX. Diseases of the Organs of Locomotion.																																	
146. Affections of the bones (non-tuberculous)																																	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																																	
148. Amputation																																	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	9	9					9																			6	3
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	98	98					98																			59	39
152. Other diseases appertaining to infancy,	4	4					4																			2	2
153. Lack of care	1	1					1																				1
Total early infancy	103	103					103																			61	42
XII. Old Age.																											
154. Senile debility	22																			1	1	7	7	3	3	8	14
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	2										1	1															2
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation	2																		1	1						2	
158. Suicide by submersion	2											1								1						2	
159. Suicide by firearms	1													1												1	
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	10			1	1		1	3	2		1			2	1				1							8	2
165a. Luxations																											
166. Other accidental traumatisms	11	2						2	1			3			1	1	2						1			9	2
167. Burns and scalds	6					2	1	3	1							1	1										6
168. Burns by corrosive substances																											
169. Insolation	2	1						1															1			1	1
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	8								2			3	1	1		1										8	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings	3	1	1				2												1							2	1
176. Other external violence	2	2					2																			1	1
Total affections, etc.	49	6	2	1	2	2	13	6		1	4	5	3	4	2	4		1	2	2			2			34	15
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	9	1					1	1				1			1	2	2			1						5	4
Total ill-defined diseases	9	1					1	1				1			1	2	2			1						5	4
Total from all causes,	989	383	48	28	10	8	457	29	11	9	49	59	47	57	51	42	42	34	39	42	28	27	16	4	6	505	484

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF AUCUST, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. August.	1900. August.	1901. August.	1900. August.		1901. August.	1900. August.	1901. August.	1900. August.
Cholera	—	—	—	—	Measles	115	90	—	—
Chicken-pox	6	8	—	—	Scarlatina	92	56	—	—
Cerebro-spinal Meningitis	4	3	—	—	Smallpox	12	—	—	—
Diphtheria and Croup	129	311	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	101	69	—	—
Tuberculosis	113	91	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,780
Calves "	808
Sheep "	954
Hogs "	—
Cattle condemned, 6	2,500 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.	
Beef	880 lbs.
Lamb	267 "
Poultry	1,120 "
Veal	746 "
FISH.	
Fresh Fish	195,383 "
Mackerel	2,005 bbls.
VEGETABLES.	
Apples	21 crates.
Berries	27 bbls.
Cucumbers	5 "
Melons	8 "
Peaches	16 baskets.
Pears	4 bbls.
Tomatoes	2 bushels.

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	37	161	8	3	19	—	228
Release	7	15	1	32	96	6	157
Totals	44	176	9	35	115	6	385

	Positive.	Negative.	Unsat.	
Tuberculosis	43	92	—	135
Typhoid	9	104	5	118
Glanders	3	4	2	9
Other Examinations	4	15	1	20
			Grand Total	667

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of August, 1901, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.84	73	60	W.	.00
2	29.93	68	64	N.W.	.00
3	29.87	72	86	S.W.	*T
4	29.93	69	86	S.W.	.14
5	30.13	70	62	S.E.	.00
6	30.27	66	80	E.	*T
7	29.98	70	92	S.W.	.67
8	29.95	74	72	S.W.	.00
9	30.06	74	60	W.	.00
10	29.93	74	82	S.W.	.00
11	30.00	80	68	W.	.09
12	30.08	68	88	N.	.02
13	30.12	67	80	S.E.	*T
14	30.03	70	88	S.W.	.00
15	29.95	69	94	S.W.	*T
16	29.94	77	66	W.	.00
17	29.96	74	74	W.	*T
18	30.04	70	66	S.	.20
19	30.20	64	82	E.	*T
20	30.10	66	94	E.	.03
21	30.12	68	92	E.	.00
22	30.20	66	89	E.	.00
23	30.20	71	84	S.	.00
24	30.08	78	82	S.W.	.01
25	30.02	72	84	N.	2.09
26	30.04	70	84	E.	.00
27	30.12	70	80	S.E.	.00
28	30.22	67	60	E.	.00
29	30.13	73	52	S.W.	.00
30	30.00	72	60	S.W.	.00
31	30.02	66	74	E.	.00
TOTALS.....	—	—	—	—	3.25
MEANS.....	30.05	70.7	78.0	S.W.	.105

GENERAL ITEMS.

Mean Barometer, 30.050.
Highest Barometer, 30.293 on the 6th.
Lowest Barometer, 29.806 on the 1st.
Monthly Range of Barometer, 0.487.
Mean Temperature, 70.7.
Highest Temperature, 88 on the 24th.
Lowest Temperature, 59 on the 19th.
Monthly Range of Temperature, 29.
Greatest Daily Range of Temperature, 23 on the 17th.
Least Daily Range of Temperature, 5 on the 26th.
Mean Daily Range of Temperature, 13.4.
Mean Daily Dew-point, 62.4.
Mean Daily Relative Humidity, 78.0.
Prevailing Direction of Wind, S.W., 24%
Total Movement of Wind, 5,977 miles.
Highest Velocity of Wind and Direction, 26—S.W.—on the 10th.
Number of Foggy Days, 3. Number of Fair Days, 12.
Number of Clear Days, 12. Number of Cloudy Days, 7.
Total Number of Days on which Rain or Snow fell, 14.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storm, 24. Dates of Frosts, none.
Mean Max. Temperature, 77.4. Mean Min. Temperature, 64.0.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	72	1871	3.08
1872	72	1872	10.68
1873	69	1873	6.21
1874	68	1874	6.67
1875	71	1875	3.50
1876	70	1876	1.23
1877	71	1877	4.49
1878	68	1878	7.66
1879	68	1879	6.71
1880	69	1880	2.90
1881	70	1881	1.23
1882	70	1882	1.46
1883	68	1883	0.39
1884	68	1884	5.01
1885	67	1885	7.64
1886	68	1886	3.64
1887	67	1887	3.05
1888	71	1888	6.53
1889	67	1889	3.95
1890	69	1890	2.70
1891	70	1891	3.87
1892	70	1892	4.87
1893	70	1893	6.46
1894	68	1894	3.03
1895	71	1895	3.24
1896	71	1896	2.15
1897	70	1897	3.95
1898	73	1898	6.38
1899	69	1899	2.52
1900	71	1900	2.46
1901	70	1901	3.25

*T indicates trace of precipitation. Average mean temperature for 31 years, 70. Average monthly precipitation for 31 years, 4.32.

1559

[9–'01–70–350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of September, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of September, 1901 931
Population estimated at . . . . 573,579 Rate per 1,000 inhabitants, 19.48

Total number	931
SEX.	
Males	478
Females	453
CONDITION.	
Single	545
Married	241
Widowed	133
Divorced	5
Unknown	7
COLOR.	
White	901
Black (Negro or mixed)	29
Indian	—
Chinese	1
Japanese	—
Total deaths of children, Under 1 year	283
Total deaths of children, Under 2 years	334
Total deaths of children, Under 5 years	364
Diarrhœal diseases, Under 1 year	119
Diarrhœal diseases, Under 2 years	138
Diarrhœal diseases, Under 5 years	142
Diarrhœal diseases, All ages	158

NATIVITY.	
United States	648
Ireland	135
England	22
Scotland	9
Germany	12
British America	44
Italy	14
Russia	6
Sweden	7
Other Countries	18
Unknown	16
PARENTAGE.	
United States	229
Irish	268
English	17
Scotch	12
German	20
British American	68
Italian	41
Russian	21
Swedish	11
Other Countries	61
Mixed	81
One parent unknown	39
Unknown	63
Still-births during the month	44

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
1. General Diseases.																											
1. Typhoid Fever	17							1	1	3	3	2	1	1	1	3		1								11	6
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola	2															1					1					1	1
6. Measles	3	1	2				3																				3
7. Scarlatina	6				2	1	3	1	2																	3	3
8. Whooping cough	7	2	4		1		7																			2	5
9. Diphtheria and croup																											
9a. Diphtheria	11	2	2	3			7	4																		5	6
10. Grippe	3	1		1			2						1													2	1
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	2	1					1																1			2	
14. Dysentery	5	2	1				3		1												1					2	3
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas																											
19. Other epidemic affections																											
20. Purulent infection and septicemia	5	1	1				2						1		1			1								1	4
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	104	4		2			6		2	10	13	17	9	14	12	3	7	1	4	2		2				53	51
28. Tubercle of the meninges	7	3	1		1	1	6		1																	5	2
29. Tubercle, abdominal	4	1			1		2							1		1										3	1
30. Pott's disease	2							1	1																	1	1
31. Abscess, cold, and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs																											
34. Tubercle, generalized	2							1		1																1	1
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary	1	1					1																			1	
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	2																1	1								2	
40. Cancer and other malignant tumors of the stomach and liver	12														2		1	2	1	3	1		1	1		5	7

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																															
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	13											1			1	2	2		2	2	2	1					6	7		
42. Cancer and other malignant tumors of the genital organs of the female	8												1	1	1	1	2	1			1							8		
43. Cancer and other malignant tumors of the breast	3														1			2										3		
44. Cancer and other malignant tumors of the skin																															
45. Cancer and other malignant tumors of organs not specified	5												2				2			1							1	4		
46. Other tumors (tumors of the female genital organs excepted)	3											1			2												2	1		
47. Rheumatism, acute, articular	1										1																	1		
48. Rheumatism, chronic, and gout	4											1		2		1											2	2		
49. Scorbutus																															
50. Diabetes	7										1	1		1			1		2	1							1	6		
51. Goitre, exophthalmic	2	1					1										1										1	1		
52. Addison's disease																															
53. Leukemia	2											1		1													1	1		
54. Anemia, chlorosis	2	1					1								1													2		
55. Other general diseases																															
56. Alcoholism, acute and chronic	7										1	1	1	1	1	1			1								6	1		
57. Saturnism																															
58. Other trade intoxications																															
59. Other chronic poisonings	1											1															1				
Total general diseases	253	21	11	6	5	2	45	8	8	14	21	26	16	22	23	13	16	8	12	9	4	5	1	2			121	132		
II. Diseases of the Nervous System and of the Organs of Sense.																															
60. Encephalitis																															
61. Meningitis, simple	17	9	2				11	1	1	1		1		1	1												9	8		
61a. Meningitis, epidemic cerebro-spinal	6	5		1			6																				3	3		
62. Locomotor ataxia, progressive	2										1					1											1	1		
63. Other diseases of the spinal cord																															
64. Cerebral congestion and hemorrhage	27									1			1			1	5	1	2	4	5	2	2	3		11	16		
65. Cerebral softening	2																		1		1							2		
66. Paralysis, without cause assigned																															
67. General paralysis	14													1	1	3		1	1	3		4					10	4		
68. Other forms of mental alienation	1																				1						1			
69. Epilepsy																															
70. Eclampsia (non-puerperal)	1									1																		1		
71. Convulsions of children	8	8					8																				6	2		
72. Tetanus	2	2					2																				1	1		
73. Chorea																															
74. Hysteria																															
74b. Other affections of the nervous system	1																1										1				
75. Diseases of the eye and appendages																															
76. Diseases of the ear																															
Total of the nervous system, etc.,	81	24	2	1			27	1	1	3	1	1	1	2	2	5	6	2	4	7	7	6	2	3			43	38		
III. Diseases of the Circulatory Apparatus.																															
77. Pericarditis																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1901.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																																
78. Endocarditis, acute	3															1		1			1									2	1
79. Organic diseases of the heart	67	1				1	2	1		1		3	3	4	8	4	8	4	10	6	5	5	3							32	35
80. Angina pectoris	2																					1		1						1	1
81. Affections of the arteries (atheroma, aneurism, etc.)	4																		1	1		1	1							2	2
82. Embolism and thrombosis																																
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)	5										1				1			2				1								2	3
84. Affections of the lymphatic system (lymphangitis, etc.)																																
85. Hemorrhages	1															1														1	
86. Other affections of the circulatory apparatus																																
Total of circulatory apparatus	82	1				1	2	1		1	1	3	3	4	9	5	10	4	13	7	6	7	5	1			40	42
IV. Diseases of the Respiratory Apparatus.																																
87. Diseases of the nasal fossæ																																
88. Affections of the larynx	1		1				1																							1		
89. Affections of the thyroid body	1	1					1																								1	
90. Bronchitis, acute	11	7	1		1		9								1						1									4	7	
91. Bronchitis, chronic	8					1	1				1		1								1	2		1	1					3	5	
92. Broncho-pneumonia	25	7	5		1	1	14				2	3		1	1	1	1	1					1							11	14	
93. Pneumonia	26	3	7			1	11				2	1	3	3	1	2	2				1									20	6	
94. Pleurisy																																
95. Pulmonary congestion and apoplexy	2	1					1												1												2	
96. Gangrene of the lung																																
97. Asthma																																
98. Emphysema, pulmonary	1																1														1	
99. Other diseases of the respiratory apparatus (phthisis excepted)																																
Total respiratory apparatus	75	19	14		2	3	38				5	4	4	4	3	3	4	1	1		3	2	1	1	1		39	36	
V. Diseases of the Digestive Apparatus.																																
100. Affections of the mouth and its adnexa,																																
101. Affections of the pharynx																																
102. Affections of the esophagus																																
103. Ulcer of the stomach	3										2	1																			3	
104. Other affections of the stomach (cancer excepted)	2																1		1												2	
105. Diarrhœa and enteritis (under two years)	134	116	18				134																							72	62	
105a. Diarrhœa and enteritis, chronic	4			1			1								1		1						1							2	2	
106. Diarrhœa and enteritis (two years and over)	13			2		1	3				1						1	3	2		2	1								2	11	
107. Parasites, intestinal																																
108. Hernia, intestinal obstructions	10	1					1	2				1	1	1		1		1			1			1						5	5	
109. Other affections of the intestines																																
110. Icterus, grave																																
111. Hydatid tumors of the liver																																
112. Cirrhosis of the liver	8												1	1	3			1	1	1										5	3	
113. Biliary calculi																																
114. Other affections of the liver	8												1	1		2	1	1			1	1								6	2	
115. Affections of the spleen																																

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for September, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																															
116. Peritonitis, simple (puerperal excepted),	14							1	3	1	2		1		1		2			2	1							6	8
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																															
118. Appendicitis and abscess of the iliac fossa	9							2		1	3					1			1	1									5	4
Total digestive apparatus	205	117	18	3		1	139	5	3	2	8	2	4	3	5	4	6	6	5	4	5	2	1	1					103	102
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																															
119. Nephritis, acute	36			1			1			1	3		1	1	4	2	4	1	5	1	1	1							15	11
120. Bright's disease	8												1	1	3		1	1		1									1	7
121. Other diseases of the kidneys and their adnexa																															
122. Calculi of the urinary tract																															
123. Diseases of the bladder	1																				1								1		
124. Diseases of the urethra, urinary abscess, etc.																															
125. Diseases of the prostate	2																	2											2		
126. Non-venereal diseases of the male genital organs																															
127. Metritis																															
128. Hemorrhage, uterine, non-puerperal																															
129. Tumor, uterine, non-cancerous	4											1			1	1			1												4
130. Other diseases of the uterus																															
131. Cysts and other tumors of the ovary																															
132. Other diseases of the female genital organs																															
133. Diseases of the breast, non-puerperal (cancer excepted)																															
Total of genito-urinary	41			1			1			1	3	1	2	2	8	3	5	4	6	2	2	1							19	22
VII. Puerperal State.																															
134. Accidents of pregnancy																															
135. Hemorrhage, puerperal																															
136. Other accidents of labor	1												1																	1	
137. Septicemia, puerperal																															
138. Albuminuria and puerperal eclampsia,																															
139. Phlegmasia alba dolens, puerperal	1											1																		1	
140. Other puerperal accidents — sudden death	1													1																1	
141. Puerperal diseases of the breast																															
Total puerperal	3											1	1	1																3	
VIII. Diseases of the Skin and Cellular Tissue.																															
142. Gangrene	1																			1									1		
143. Furuncle (carbuncle)																															
144. Phlegmon, warm abscess																															
145d. Other diseases of the skin and its adnexa																															
Total skin tissue	1																			1									1		
IX. Diseases of the Organs of Locomotion.																															
146. Affections of the bones (non-tubercular)																															
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																															
148. Amputation																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1901.	AGE.																													SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																																
149. Other affections of the organs of locomotion																																
Total organs locomotion																																
X. Malformations.																																
150. Malformations, congenital (still-births excepted)	2	2					2																									2
XI. Early Infancy.																																
151. Congenital debility, icterus and sclerema	87	87					87																								48	39
152. Other diseases appertaining to infancy,	1	1					1																								1	
153. Lack of care	5	3	2				5																								2	3
Total early infancy	93	91	2				93																								51	42
XII. Old Age.																																
154. Senile debility	23																	1	1	2	1	5	7	4	2						9	14
XIII. Affections Produced by External Causes.																																
155. Suicide by poison	1																1														1	
156. Suicide by asphyxia	1									1																					1	
157. Suicide by hanging or strangulation	1																		1												1	
158. Suicide by submersion	1														1																	1
159. Suicide by firearms	3																	1	1	1											3	
160. Suicide by cutting instruments																																
161. Suicide by jumping from high places	1																1															1
162. Suicide by crushing																																
163. Other suicides																																
164. Fractures	14				1	1	2				3	1		4		3		1													12	2
165a. Luxations																																
166. Other accidental traumatisms	12		1	1		1	3	1	3	1		1							2				1							8	4
167. Burns and scalds	6		1		1		2		1				1				1	1													3	3
168. Burns by corrosive substances																																
169. Insolation																																
170. Freezing																																
171. Electrical disturbances	1											1																			1	
172. Accidental submersion	7							1	1				1			2	1	1													7	
173a. Inanition	3	2	1				3																								1	2
174. Absorption of deleterious gases (suicide excepted)																																
175. Other acute poisonings	3													1			2														1	2
176. Other external violence	1									1																					1	
Total affections, etc.	55	2	3	1	2	2	10	2	5	1	5	3	2	5	1	5	6	4	4	1			1								40	15
XIV. Ill-defined Diseases.																																
177. Dropsy																																
178. Sudden death																																
179. Non-specified or ill-defined causes of death	17	6	1				7							3	3		2		1			1								12	5
Total ill-defined diseases	17	6	1				7							3	3		2		1			1								12	5
Total from all causes,	931	283	51	12	9	9	364	17	17	22	44	41	33	46	54	38	55	30	47	32	29	29	18	12	3	478	453

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings, including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston, with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF SEPTEMBER, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	1901. Sept.	1900. Sept.	1901. Sept.	1900. Sept.		1901. Sept.	1900. Sept.	1901. Sept.	1900. Sept.
Cholera	—	—	—	—	Measles	68	44	2	—
Chicken-pox	15	4	1	—	Scarlatina	75	82	—	—
Cerebro-spinal Meningitis	5	—	—	—	Smallpox	30	—	—	1
Diphtheria and Croup	116	412	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	164	101	—	—
Tuberculosis	75	75	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	1,728
Calves "	1,171
Sheep "	5,968
Hogs "	1
Cattle condemned, 7	2,855 lbs.
Calves " —	— "
Sheep " —	— "
Hogs " 1	320 "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Veal	125 lbs.
Poultry	155 "
Ham	105 "

VEGETABLES.

Apples	3 bushels.
Peas	6 "
Plums	61 baskets.
Peaches	5 "

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	38	189	3	9	19	—	258
Release	2	14	—	23	59	4	102
Totals	40	203	3	32	78	4	360

	Positive.	Negative.	Unsat.	
Tuberculosis	38	106	—	144
Typhoid	15	159	15	189
Glanders	1	3	5	9
Other Examinations	1	10	1	12
			Grand Total	714

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1901, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	29.98	66	94	N.E.	.23
2	30.02	66	80	N.	.00
3	30.10	68	83	N.E.	.00
4	30.07	70	92	W.	.00
5	30.09	78	76	W.	.00
6	30.12	74	76	S.E.	.00
7	29.92	75	72	S.W.	.00
8	29.94	62	66	N.	.00
9	30.08	61	65	W.	.00
10	30.08	64	68	W.	*T
11	29.80	68	89	S.	.62
12	29.66	68	88	W.	.08
13	29.63	74	82	W.	*T
14	29.95	70	76	N.W.	.00
15	29.91	70	92	S.W.	*T
16	29.91	76	74	S.W.	.24
17	29.88	68	84	W.	.24
18	30.00	58	78	S.	.05
19	30.18	60	86	N.	.26
20	30.18	58	88	N.	.19
21	30.17	56	72	N.	.01
22	30.30	60	74	S.W.	.00
23	30.19	67	78	S.W.	.00
24	30.13	68	72	S.W.	.00
25	30.44	52	62	N.	.00
26	30.49	52	70	N.	.00
27	30.44	60	70	S.W.	.00
28	30.32	64	80	S.W.	.00
29	29.95	66	68	S.W.	.50
30	29.89	66	64	W.	.09
31					
TOTALS.....	—	—	—	—	2.51
MEANS.....	30.06	65.3	79.2	S.W.	.083

GENERAL ITEMS.

Mean Barometer, 30.06.
Highest Barometer, 30.53 on the 26th.
Lowest Barometer, 29.57 on the 12th.
Monthly Range of Barometer, 0.96.
Mean Temperature, 65.4.
Highest Temperature, 89 on the 5th.
Lowest Temperature, 44 on the 26th.
Monthly Range of Temperature, 45.
Greatest Daily Range of Temperature, 30 on the 24th.
Least Daily Range of Temperature, 5 on the 1st.
Mean Daily Range of Temperature, 16.6.
Mean Daily Dew-point, 57.4.
Mean Daily Relative Humidity, 79.2.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 6,539 miles.
Highest Velocity of Wind and Direction, 29—N.W.
Number of Foggy Days, none. Number of Fair Days, 4.
Number of Clear Days, 15. Number of Cloudy Days, 11.
Total Number of Days on which Rain or Snow fell, 10.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, 28th.
Dates of Solar Halos, none.
Thunder Storm, 11th, 15th, 17th. Dates of Frosts, none.
Mean Max. Temperature, 73.7. Mean Min. Temperature, 57.1.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	59	1871	1.30
1872	64	1872	6.04
1873	62	1873	2.91
1874	64	1874	2.05
1875	59	1875	3.12
1876	59	1876	3.84
1877	64	1877	3.60
1878	63	1878	3.47
1879	61	1879	1.84
1880	64	1880	2.36
1881	66	1881	2.50
1882	63	1882	10.93
1883	59	1883	1.50
1884	66	1884	0.51
1885	60	1885	1.70
1886	63	1886	2.73
1887	60	1887	0.97
1888	60	1888	6.77
1889	63	1889	3.19
1890	63	1890	5.04
1891	67	1891	2.29
1892	62	1892	1.90
1893	60	1893	1.59
1894	65	1894	2.14
1895	66	1895	1.53
1896	62	1896	6.40
1897	63	1897	2.88
1898	66	1898	1.98
1899	63	1899	5.09
1900	65	1900	4.62
1901	79	1901	2.51

*T indicates trace of precipitation. Average mean temperature for 31 years, 63. Average monthly precipitation for 31 years, 3.18.

[9—'11—70—350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of October, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of October, 1901 878

Population estimated at . . . . 573,579 Rate per 1,000 inhabitants, 18.37

Total number	878
SEX.	
Males	453
Females	425
CONDITION.	
Single	468
Married	260
Widowed	145
Divorced	3
Unknown	2
COLOR.	
White	855
Black (Negro or mixed)	21
Indian	—
Chinese	2
Japanese	—
Total deaths of children, Under 1 year	198
Total deaths of children, Under 2 years	234
Total deaths of children, Under 5 years	269
Diarrhœal diseases, Under 1 year	65
Diarrhœal diseases, Under 2 years	70
Diarrhœal diseases, Under 5 years	71
Diarrhœal diseases, All ages	78

NATIVITY.	
United States	573
Ireland	159
England	11
Scotland	7
Germany	13
British America	55
Italy	14
Russia	12
Sweden	8
Other Countries	15
Unknown	11
PARENTAGE.	
United States	198
Irish	286
English	13
Scotch	13
German	20
British American	44
Italian	45
Russian	27
Swedish	11
Other Countries	45
Mixed	70
One parent unknown	53
Unknown	53
Still-births during the month	58

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1901.	AGE.																																	SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																				
1. Typhoid Fever	31			1			1	2	2		3	10	8	2	2		1																	16	15
2. Exanthematous typhus																																				
3. Recurrent fever																																				
4. Intermittent fever and malarial cachexia																																				
4a. Malarial cachexia																																				
5. Variola	5			1			1			1		1	1	1																					2	3
6. Measles	4	2		2			4																												3	1
7. Scarlatina	4		1	2	1		4																												2	2
8. Whooping cough	3	1	1			1	3																												2	1
9. Diphtheria and croup	3	1	2				3																												3	
9a. Diphtheria	13		5	1	1	1	8	4									1																		9	4
10. Grippe																																				
11. Miliary Fever																																				
12. Asiatic Cholera																																				
13. Cholera nostras																																				
14. Dysentery	5	2					2											1		1			1												3	2
14a. Dysentery, epidemic																																				
15. Pest (Plague; bubonic plague)																																				
16. Yellow fever																																				
17. Leprosy																																			1	
18. Erysipelas																																				
19. Other epidemic affections																																				
20. Purulent infection and septicemia	8	1					1	1				1	1		2					1		1													4	4
21. Glanders and farcy																																				
22. Malignant pustule and charbon (anthrax)																																				
23. Rabies																																				
24. Actinomycosis, trichinosis, etc.																																				
25. Pellagra																																				
26. Tubercle of the larynx																																				
27. Tubercle of the lungs	112	3		1	1		5		4	9	13	17	12	16	7	9	8	4	3	3	2					64	48
28. Tubercle of the meninges	4		1	1		1	3	1																		2	2
29. Tubercle, abdominal	4											1		2						1						3	1
30. Pott's disease																																				
31. Abscess, cold, and by congestion																																				
32. Tumors, white (white swellings)																																				
33. Tubercle of other organs	2									1			1													2	
34. Tubercle, generalized																																				
35. Scrofula	1	1					1																													1
36. Syphilis																																				
3. Tertiary	2												1		1																					2
4. Hereditary	3	3					3																												2	1
37. Blennorrhagia of the adult																																				
38. Gonococcal infections of the child																																				
39. Cancer and other malignant tumors of the buccal cavity	1																		1							1	
40. Cancer and other malignant tumors of the stomach and liver	12												1	1			1	2	1	3	2		1			2	10

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	8												1	1					4	1				1	1	7
42. Cancer and other malignant tumors of the genital organs of the female	4													1	2		1									4
43. Cancer and other malignant tumors of the breast	8															2	1	3	1		1					8
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	8																1	1	4		1		1			8	
46. Other tumors (tumors of the female genital organs excepted)	3											1						1		1					1	2	
47. Rheumatism, acute, articular	1																	1								1	
48. Rheumatism, chronic, and gout																											
49. Scorbutus																											
50. Diabetes	4														1	1				1	1					1	3
51. Goitre, exophthalmic	1																	1									1
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	4		1				1								1	1		1								4	
55. Other general diseases																											
56. Alcoholism, acute and chronic	8												2	1		1		2	1	1						4	4
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	266	14	11	9	3	3	40	8	6	11	16	31	27	25	17	14	13	18	15	13	7	1	3		1	131	135
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	1			1			1												1							1	
61. Meningitis, simple	9	3	2	1			6	1			1								1							3	6
61a. Meningitis, epidemic cerebro-spinal	7	1	1	2	1		5			1	1															3	4
62. Locomotor ataxia, progressive	2																1				1						2
63. Other diseases of the spinal cord																											
64. Cerebral congestion and hemorrhage	34		1	1			2						1	1	2	2	3	6	5	3	4	3	1	1		19	15
65. Cerebral softening																											
66. Paralysis, without cause assigned	3												1								1		1				3
67. General paralysis	4												1	1		1									1	4	
68. Other forms of mental alienation	1																				1						1
69. Epilepsy	1																		1							1	
70. Eclampsia (non-puerperal)	1																			1							1
71. Convulsions of children	4	4					4																			1	3
72. Tetanus	2	1					1						1														2
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	2														1			1								2	
75. Diseases of the eye and appendages																											
76. Diseases of the ear																											
Total of the nervous system, etc.,	71	9	4	5	1		19	1		1	2		4	2	3	3	4	7	7	4	7	3	2	1	1	34	37
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	1											1														1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																											
78. Endocarditis, acute	4								1	1			1	1												1	3
79. Organic diseases of the heart	78	1					1	1		2	4	3	3	2	4	3	6	11	6	8	11	5	7		1	36	42
80. Angina pectoris	4														1				1		1	1				2	2
81. Affections of the arteries (atheroma, aneurism, etc.)	6														1	2	1	1			1					4	2
82. Embolism and thrombosis	4										1						1					1	1			2	2
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	5	1					1				1	1	1		1											4	1
86. Other affections of the circulatory apparatus	1																		1							1	
Total of circulatory apparatus	103	2					2	1	1	3	6	5	5	3	7	5	8	12	8	8	13	7	8		1	51	52
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx	1							1																			1
89. Affections of the thyroid body	1		1				1																				1
90. Bronchitis, acute	9	3		1		1	5						1	1			1		1							2	7
91. Bronchitis, chronic	13	1					1					2				1	2	1		3	1		1	1		7	6
92. Broncho-pneumonia	40	13	9	1		1	24	1		1		1	1	1			1	4	1	3	2					21	19
93. Pneumonia	26	3	1	1	1	2	8	1				3			1		2	1	3	2	1	1	1		2	14	12
94. Pleurisy	1															1										1	
95. Pulmonary congestion and apoplexy	2		1				1							1												2	
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)	4													1	1	1			1							3	1
Total respiratory apparatus	97	20	12	3	1	4	40	3		1		6	2	4	2	3	6	6	6	8	4	1	2	1	2	50	47
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa,																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	2													1	1											2	
104. Other affections of the stomach (cancer excepted)	4	1					1						1				1				1					1	3
105. Diarrhœa and enteritis (under two years)	68	63	5				68																			34	34
105a. Diarrhœa and enteritis, chronic																											
106. Diarrhœa and enteritis (two years and over)	5				1		1										1				1		1	1		1	4
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	7													1		2	1	1	2							4	3
109. Other affections of the intestines	1																	1									1
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	2													1	1											2	
113. Biliary calculi																											
114. Other affections of the liver	5					1	1							1			1	1	1							2	3
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for October, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																															
116. Peritonitis, simple (puerperal excepted),	5		1				1				1	1		1						1							2	3
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	2																				1	1					1	1
118. Appendicitis and abscess of the iliac fossa	10								1	1	1		1	1	3			1				1					6	4
Total digestive apparatus	111	64	6		1	1	72		1	1	2	1	2	6	5	2	4	4	3	1	3	2	1	1			55	56
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																															
119. Nephritis, acute	39								1			1	1	2	8	3	4	2	2	5	3	3	4				23	16
120. Bright's disease	8														2		1			1	2		1		1		2	6
121. Other diseases of the kidneys and their adnexa																															
122. Calculi of the urinary tract	1																			1								1	
123. Diseases of the bladder	2																1					1					2	
124. Diseases of the urethra, urinary abscess, etc.																															
125. Diseases of the prostate																															
126. Non-venereal diseases of the male genital organs																															
127. Metritis																															
128. Hemorrhage, uterine, non-puerperal																															
129. Tumor, uterine, non-cancerous	2													1	1														2	
130. Other diseases of the uterus	1											1																	1	
131. Cysts and other tumors of the ovary	1											1																	1	
132. Other diseases of the female genital organs																															
133. Diseases of the breast, non-puerperal (cancer excepted)	1													1															1	
Total of genito-urinary	55								1			3	1	2	12	4	6	2	2	7	5	4	5		1		27	28
VII. Puerperal State.																															
134. Accidents of pregnancy	1													1															1	
135. Hemorrhage, puerperal																															
136. Other accidents of labor	2														1	1													2	
137. Septicemia, puerperal																															
138. Albuminuria and puerperal eclampsia,																															
139. Phlegmasia alba dolens, puerperal	1												1																1	
140. Other puerperal accidents — sudden death																															
141. Puerperal diseases of the breast																															
Total puerperal	4												1	1	1	1													4	
VIII. Diseases of the Skin and Cellular Tissue.																															
142. Gangrene																															
143. Furuncle (carbuncle)	2	1					1							1															2	
144. Phlegmon, warm abscess																															
145d. Other diseases of the skin and its adnexa																															
Total skin tissue	2	1					1							1															2	
IX. Diseases of the Organs of Locomotion.																															
146. Affections of the bones (non-tuberculous	1		1				1																						1	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																															
148. Amputation																															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	1		1				1																				1
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	2	2					2																			2	
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	79	79					79																			45	34
152. Other diseases appertaining to infancy,	2	2					2																			2	
153. Lack of care																											
Total early infancy	81	81					81																			47	34
XII. Old Age.																											
154. Senile debility	21																1		4	4	4	7	1			6	15
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides	1														1											1	
164. Fractures	15			1	1		2		1		2			3	2	2		1	1				1			12	3
165a. Luxations																											
166. Other accidental traumatisms	22		1		1		2			4	1	2	2	1	3	2		1	2	1		1				21	1
167. Burns and scalds	7					1	1	3							1						1	1				1	6
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	3											1			1				1							3	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings	2										1								1							2	
176. Other external violence																											
Total affections, etc.	50		1	1	2	1	5	3	1	4	4	3	2	4	7	5		2	5	1	1	2		1		40	10
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	14	5	1				6					1			2			3	1			1				10	4
Total ill-defined diseases	14	5	1				6					1			2			3	1			1				10	4
Total from all causes.	878	198	36	18	8	9	269	16	10	21	33	49	45	58	48	38	37	55	52	44	43	26	23	6	5	453	425

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"). 2,503.32 acres. Number of buildings, including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston, with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF OCTOBER, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	Oct. 1901.	Oct. 1900.	Oct. 1901.	Oct. 1900.		Oct. 1901.	Oct. 1900.	Oct. 1901.	Oct. 1900.
Cholera	—	—	—	—	Measles	112	79	—	—
Chicken-pox	17	18	—	—	Scarlatina	121	103	—	—
Cerebro-spinal Meningitis	2	4	—	—	Smallpox	49	—	—	—
Diphtheria and Croup	189	626	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	64	117	—	—	Typhoid fever	127	110	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	2,679
Calves "	1,625
Sheep "	9,145
Hogs "	148
Cattle condemned, 11	4,350 lbs.
Calves " 1	35 "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Beef	245 lbs.
Bear	148 "
Poultry	365 "
Veal	875 "

FISH.

Fresh fish	4,000 "

VEGETABLES.

Cranberries	800 quarts
Melons	1 crate
Pears	1 box

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	49	290	9	6	46	1	401
Release	5	23	—	21	107	2	158
Totals	54	313	9	27	153	3	559
	Positive.		Negative.		Unsat.		
Tuberculosis	30		129		—		159
Typhoid	4		110		5		119
Glanders	6		5		11		22
Other Examinations	3		11		1		15
					Grand Total		874

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1901, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	30.12	60	82	N.W.	.00
2	29.76	64	88	S.	.00
3	29.68	56	78	N.W.	.76
4	29.94	52	73	W.	.00
5	30.12	52	75	N.W.	.00
6	30.10	46	78	N.W.	.12
7	30.44	50	74	N.W.	.00
8	30.36	57	72	S.W.	.00
9	30.24	62	88	S.W.	.00
10	30.30	64	82	S.	.00
11	30.26	58	92	E.-S.	.00
12	30.14	56	97	E.	*T
13	30.01	62	94	S.	*T
14	29.90	63	98	N.	1.98
15	30.06	58	74	N.W.	.15
16	30.09	58	80	S.W.	.00
17	29.79	57	79	S.	.01
18	29.98	46	64	W.	.00
19	29.96	53	61	S.W.	.00
20	30.38	47	72	N.W.	.00
21	30.34	48	72	N.W.	.00
22	30.03	55	74	W.	.00
23	29.61	62	60	S.W.	.00
24	29.86	49	67	N.W.	.00
25	30.18	42	69	N.W.	.00
26	30.16	51	70	S.W.	.00
27	30.15	57	65	S.W.	.00
28	30.53	44	82	N.	.00
29	30.61	43	86	N.W.	.00
30	30.42	52	80	S.W.	.00
31	30.24	60	78	S.W.	.00
TOTALS.....	—	—	—	—	3.02
MEANS.....	29.98	54.4	77.4	S.W.	.097

GENERAL ITEMS.

Mean Barometer, 29.98.
Highest Barometer, 30.51 on the 29th.
Lowest Barometer, 29.32 on the 23d.
Monthly Range of Barometer, 1.19.
Mean Temperature, 54.4.
Highest Temperature, 76 on the 23d.
Lowest Temperature, 35 on the 25th.
Monthly Range of Temperature, 41.
Greatest Daily Range of Temperature, 28 on the 26th.
Least Daily Range of Temperature, 7 on the 6th.
Mean Daily Range of Temperature, 17.6.
Mean Daily Dew-point, 45.7.
Mean Daily Relative Humidity, 77.4.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 7,875 miles.
Highest Velocity of Wind and Direction, 36—S.W.—19th.
Number of Foggy Days, none. Number of Fair Days, 8.
Number of Clear Days, 17. Number of Cloudy Days, 6.
Total Number of Days on which Rain or Snow fell, 5.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, 9th.
Thunder Storm, none. Dates of Frosts, killing, 26th.
Mean Max. Temperature, 63.2. Mean Min. Temperature, 45.6.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches.	
1871	54	1871	5.88
1872	52	1872	4.35
1873	53	1873	5.33
1874	53	1874	1.30
1875	49	1875	4.99
1876	48	1876	1.66
1877	51	1877	8.84
1878	55	1878	6.76
1879	56	1879	0.91
1880	51	1880	3.15
1881	53	1881	2.84
1882	55	1882	2.29
1883	47	1883	6.40
1884	52	1884	3.17
1885	51	1885	5.71
1886	52	1886	3.27
1887	51	1887	2.53
1888	49	1888	3.58
1889	48	1889	3.31
1890	51	1890	5.63
1891	52	1891	5.56
1892	53	1892	2.31
1893	55	1893	2.94
1894	54	1894	5.11
1895	50	1895	6.19
1896	50	1896	3.15
1897	54	1897	0.41
1898	54	1898	7.17
1899	54	1899	2.40
1900	55	1900	3.41
1901	54	1901	3.02

*T indicates trace of precipitation.

Average mean temperature for 31 years, 52.

Average monthly precipitation for 31 years, 3.99.

[11-'01-70-350.]

STATISTICAL DEPARTMENT
FEB 24 1902
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HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of November, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of November, 1901 929
Population estimated at . . . . 573,579 Rate per 1,000 inhabitants, 19.43

Total number	929
SEX.	
Males	473
Females	456
CONDITION.	
Single	460
Married	291
Widowed	169
Divorced	2
Unknown	7
COLOR.	
White	910
Black (Negro or mixed)	18
Indian	—
Chinese	1
Japanese	—
Total deaths of children, Under 1 year	152
Total deaths of children, Under 2 years	188
Total deaths of children, Under 5 years	241
Diarrhœal diseases, Under 1 year	23
Diarrhœal diseases, Under 2 years	25
Diarrhœal diseases, Under 5 years	25
Diarrhœal diseases, All ages	31

NATIVITY.	
United States	570
Ireland	189
England	14
Scotland	7
Germany	21
British America	72
Italy	13
Russia	7
Sweden	8
Other Countries	16
Unknown	12
PARENTAGE.	
United States	195
Irish	327
English	20
Scotch	9
German	27
British American	53
Italian	31
Russian	17
Swedish	10
Other Countries	38
Mixed	88
One parent unknown	38
Unknown	76
Still-births during the month	37

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1901.	AGE.																																SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																																			
1. Typhoid Fever	5							1				2	1					1															2	3
2. Exanthematous typhus																																			
3. Recurrent fever																																			
4. Intermittent fever and malarial cachexia																																			
4a. Malarial cachexia																																			
5. Variola	23			1			1			2	5	2	3	5	1	1		1	2														14	9
6. Measles	9	1	4	3	1		9																										5	4
7. Scarlatina	4			1	1		2	2																									3	1
8. Whooping cough	7	3	3	1			7																										3	4
9. Diphtheria and croup	3				1	1	2	1																									1	2
9a. Diphtheria	22	2	3	3	4	4	16	6																									13	9
10. Grippe	2			1			1										1																1	1
11. Miliary Fever	1									1																								1
12. Asiatic Cholera	1																			1														1
13. Cholera nostras	1																			1														1
14. Dysentery																																			
14a. Dysentery, epidemic																																			
15. Pest (Plague; bubonic plague)																																			
16. Yellow fever																																			
17. Leprosy																																			
18. Erysipelas	3															2						1											1	2
19. Other epidemic affections	1			1			1																											1
20. Purulent infection and septicemia	8	1	1				2	1	1	1				1	1	1																	6	2
21. Glanders and farcy																																			
22. Malignant pustule and charbon (anthrax)																																			
23. Rabies																																			
24. Actinomycosis, trichinosis, etc.																																			
25. Pellagra																																			
26. Tubercle of the larynx																																			
27. Tubercle of the lungs	110		5	2		2	9	1	2	8	14	15	18	12	9	8	6	4		3		1										59	51
28. Tubercle of the meninges	9	2			1	2	5	2	1								1															5	4
29. Tubercle, abdominal	1							1																										1
30. Pott's disease																																			
31. Abscess, cold, and by congestion																																			
32. Tumors, white (white swellings)																																			
33. Tubercle of other organs																																			
34. Tubercle, generalized																																			
35. Scrofula	2															1				1													1	1
36. Syphilis																																			
3. Tertiary	1															1																		1
4. Hereditary	4	4					4																										1	3
37. Blennorrhagia of the adult																																			
38. Gonococcal infections of the child																																			
39. Cancer and other malignant tumors of the buccal cavity	5													1	1			2			1												5	
40. Cancer and other malignant tumors of the stomach and liver	5															2	1	1	1														2	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases. — *Concluded.*																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	9											1				2	2		3	1					5	4
42. Cancer and other malignant tumors of the genital organs of the female	8											1			1	2	3		1							8
43. Cancer and other malignant tumors of the breast	1																1									1
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	9												1		1	1	1	2		1	2					3	6
46. Other tumors (tumors of the female genital organs excepted)	7		1				1	1								1		2				1		1	3	4
47. Rheumatism, acute, articular	2											1				1									2	
48. Rheumatism, chronic, and gout	1																						1		1	
49. Scorbutus																											
50. Diabetes	10											1		1	2		2	2		1	1				3	7
51. Goitre, exophthalmic	1															1									1	
52. Addison's disease																											
53. Leukemia																											
54. Anemia, chlorosis	2																1		1								2
55. Other general diseases																											
56. Alcoholism, acute and chronic	6											1	1			1	1	1	1						6	
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	283	13	18	12	8	9	60	16	4	12	19	24	24	20	16	21	18	22	5	12	5	3	1	1	146	137
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis	3		2				2							1												3
61. Meningitis, simple	15	6	2	1			9				1		2				1	1	1						9	6
61a. Meningitis, epidemic cerebro-spinal	6	1	1	2			4	1	1																3	3
62. Locomotor ataxia, progressive																											
63. Other diseases of the spinal cord	1												1												1	
64. Cerebral congestion and hemorrhage	29									2			1		1		1	6	5	4	3	3	1	2	13	16
65. Cerebral softening	1																		1						1	
66. Paralysis, without cause assigned	7													1		1			2		1		1	1	4	3
67. General paralysis	2															1			1							2
68. Other forms of mental alienation	3													1						1			1		3	
69. Epilepsy	1												1												1	
70. Eclampsia (non-puerperal)	1													1											1	
71. Convulsions of children	3	2		1			3																		1	2
72. Tetanus	1				1		1																			1
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	3											1				1	1								1	2
75. Diseases of the eye and appendages																											
76. Diseases of the ear	1	1					1																		1	
Total of the nervous system, etc.,	77	10	5	4	1		20	1	1	2	1	1	5	4	1	3	3	7	10	5	4	3	3	3	38	39
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																											
78. Endocarditis, acute	6							1				1				1			1	1		1				3	3
79. Organic diseases of the heart	77		1				1		1		1	3	3	3	4	3	8	12	9	11	5	7	4	1	1	34	43
80. Angina pectoris	2																		2								2
81. Affections of the arteries (atheroma, aneurism, etc.)	10														1		3	1	2		1		1		1	8	2
82. Embolism and thrombosis	7														1		2	2				2				2	5
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	4	3					3																	1		1	3
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	106	3	1				4	1	1		1	4	3	3	6	4	13	15	14	12	6	10	5	2	2	48	58
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	27	7	3	3		1	14	2			1						2		1		2	1	1	1	2	18	9
91. Bronchitis, chronic	1																				1						1
92. Broncho-pneumonia	54	14	3	4	2	1	24	1	2	1	2			4	1	4	3	3	2	2	2	1	1		1	27	27
93. Pneumonia	52	4	2	2	1	1	10			1	2	3	2	4	3	2	5	4	2	4	4		3	3		26	26
94. Pleurisy																											
95. Pulmonary congestion and apoplexy	4																1		1				1		1	1	3
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary	1																1										1
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	139	25	8	9	3	3	48	3	2	2	5	3	2	8	4	6	12	7	6	6	9	2	6	4	4	72	67
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	4							1		1	1			1												1	3
104. Other affections of the stomach (cancer excepted)	1																		1								1
105. Diarrhœa and enteritis (under two years)	25	23	2				25																			17	8
105a. Diarrhœa and enteritis, chronic	2																1		1								2
106. Diarrhœa and enteritis (two years and over)	3														1			1					1				3
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	15	2			1		3				2		1		1	1	2		5							3	12
109. Other affections of the intestines																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	5															1	3	1								3	2
113. Biliary calculi																											
114. Other affections of the liver	3																	1			1	1				1	2
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for November, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
V. Diseases of the Digestive Apparatus. —*Concluded.*																											
116. Peritonitis, simple (puerperal excepted),	7	1				1	2	2			1				1			1								3	4
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	2															1		1								1	1
118. Appendicitis and abscess of the iliac fossa	8							1	4	1									1		1					3	5
Total digestive apparatus	75	26	2		1	1	30	4	4	2	4		1	1	3	3	6	5	8		2	1	1			32	43
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	49										1	4	2	6	6	3	4	4	7	5	4	3				25	24
120. Bright's disease	9												1		1	3			1	1	1	1				3	6
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	2																			2						2	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate																											
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	2												1		1												2
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary																											
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	62										1	4	4	6	8	6	4	4	8	8	5	4				30	32
VII. Puerperal State.																											
134. Accidents of pregnancy																											
135. Hemorrhage, puerperal																											
136. Other accidents of labor	4										1	1	2														4
137. Septicemia, puerperal	2											1			1												2
138. Albuminuria and puerperal eclampsia,	2										1			1													2
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents — sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	8										2	2	2	1	1												8
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene																											
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess	1														1												1
145d. Other diseases of the skin and its adnexa	1	1					1																			1	
Total skin tissue	2	1					1								1											1	1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	2	2					2																			1	1
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	53	53					53																			28	25
152. Other diseases appertaining to infancy	13	13					13																			8	5
153. Lack of care																											
Total early infancy	66	66					66																			36	30
XII. Old Age.																											
154. Senile debility	31																	2			4	9	6	7	3	12	19
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	1																		1							1	
156. Suicide by asphyxia	1															1										1	
157. Suicide by hanging or strangulation	2																			1		1				2	
158. Suicide by submersion	1													1													1
159. Suicide by firearms	3										1	1		1												3	
160. Suicide by cutting instruments	3												1	1				1								3	
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides	1																		1							1	
164. Fractures	14										1		2	3	1	2	2			2		1				10	4
165a. Luxations																											
166. Other accidental traumatisms	21							1	1		1	3	5	1	2	4	2					1				20	1
167. Burns and scalds	6				1		1			1		1		1	1				1							3	3
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	2		1				1											1								1	1
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	1													1												1	
175. Other acute poisonings	2															1	1									1	1
176. Other external violence	4	1					1	1				1			1											3	1
Total affections, etc.	92	1	1	1			3	2	1	1	3	6	8	9	5	8	5	2	3	1	2	2	1			50	12
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	16	5	1			1	7					2		1	2	1	1	1	1							7	9
Total ill-defined diseases	16	5	1			1	7					2		1	2	1	1	1	1							7	9
Total from all causes,	929	152	36	26	13	14	241	27	13	19	36	46	49	53	47	52	62	65	55	44	37	34	23	17	9	473	456

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings, including tenement houses, 81,376. * Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston, with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families — from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF NOVEMBER, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	Nov. 1901.	Nov. 1900.	Nov. 1901.	Nov. 1900.		Nov. 1901.	Nov. 1900.	Nov. 1901.	Nov. 1900.
Cholera	—	—	—	—	Measles	519	80	—	—
Chicken-pox	35	22	—	—	Scarlatina	108	158	—	—
Cerebro-spinal Meningitis	7	—	—	—	Smallpox	195	—	—	—
Diphtheria and Croup	231	706	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	61	70	—	—
Tuberculosis	81	102	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected		2,238
Calves	"	1,091
Sheep	"	11,874
Hogs	"	41
Cattle condemned,	13	5,495 lbs.
Calves	" 1	35 "
Sheep	" —	— "
Hogs	" —	— "

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.

Ham	50 lbs.
Poultry	1,080 "
Veal (immatured)	193 "

FISH.

Cod	50 "
Smelts	140 doz.

VEGETABLES.

Cranberries	200 quarts
Celery	5 doz.
Pears	2 bushels.

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	98	633	3	8	117	—	859
Release	15	39	—	86	186	2	328
Totals	113	672	3	94	303	2	1,187

	Positive.	Negative.	Unsat.	
Tuberculosis	43	107	—	150
Typhoid	5	85	6	96
Glanders	4	7	2	13
Other Examinations	—	4	3	7
			Grand Total	1,453

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of November, 1901, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rainfall.
1	30.07	57	84	S.W.	.02
2	30.20	50	74	N.W.	.00
3	30.23	44	72	N.	.00
4	30.08	43	85	N.	.00
5	30.08	42	82	N.E.	.00
6	30.06	44	65	N.W.	.00
7	30.06	40	65	N.W.	.00
8	30.01	45	66	S.W.	*T
9	30.04	46	74	S.W.	*T
10	30.24	34	54	W.	.00
11	30.18	33	65	N.W.	.02
12	29.60	39	100	W.	.30
13	29.34	35	78	N.W.	.06
14	29.32	33	70	W.	.03
15	29.58	38	66	W.	.00
16	29.80	38	66	S.W.	.00
17	29.89	40	69	S.W.	.00
18	30.00	38	70	N.W.	.00
19	29.98	34	95	N.W.	.05
20	30.20	34	82	N.W.	.00
21	30.25	34	73	N.W.	.00
22	30.24	40	71	N.W.	.00
23	30.28	36	80	S.W.	*T
24	29.69	40	92	N.E.	1.21
25	29.34	38	88	N.E.	.71
26	29.60	30	82	N.	.01
27	29.91	24	68	N.W.	.00
28	30.11	19	70	N.W.	.00
29	29.96	20	78	N.W.	.00
30	29.98	28	76	W.	.00
31					
TOTALS.....	—	—	—	—	2.41
MEANS.....	29.941	37.2	75.4	N.W.	.080

GENERAL ITEMS.

Mean Barometer, 29.94.
Highest Barometer, 30.33 on the 11th.
Lowest Barometer, 29.24 on the 14th.
Monthly Range of Barometer, 1.09.
Mean Temperature, 37.
Highest Temperature, 65 on the 1st.
Lowest Temperature, 12 on the 29th.
Monthly Range of Temperature, 53.
Greatest Daily Range of Temperature, 19 on the 5th.
Least Daily Range of Temperature, 4 on the 23d.
Mean Daily Range of Temperature, 13.
Mean Daily Dew-point, 29.
Mean Daily Relative Humidity, 75.
Prevailing Direction of Wind, N.E.
Total Movement of Wind, 9,048 miles.
Highest Velocity of Wind and Direction, 60—N.E.—24th.
Number of Foggy Days, none. Number of Fair Days, 8.
Number of Clear Days, 8. Number of Cloudy Days, 14.
Total Number of Days on which Rain or Snow fell, 9.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storm, none. Dates of Frosts, none.
Mean Maximum Temperature, 44. Mean Minimum Temperature, 31.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches	
1871	37	1871	6.42
1872	40	1872	3.66
1873	33	1873	8.34
1874	41	1874	2.85
1875	34	1875	5.47
1876	40	1876	11.03
1877	43	1877	9.62
1878	40	1878	8.94
1879	39	1879	2.97
1880	37	1880	2.30
1881	42	1881	3.73
1882	38	1882	1.20
1883	42	1883	2.08
1884	41	1884	3.03
1885	44	1885	5.78
1886	43	1886	3.59
1887	42	1887	2.22
1888	45	1888	4.97
1889	45	1889	4.91
1890	42	1890	0.97
1891	41	1891	2.35
1892	41	1892	4.45
1893	42	1893	1.83
1894	38	1894	3.10
1895	45	1895	8.07
1896	46	1896	3.70
1897	41	1897	6.19
1898	42	1898	5.32
1899	42	1899	2.51
1900	45	1900	4.17
1901	37	1901	2.41

* T indicates trace of precipitation. Average mean temperature for 31 years, 41. Average monthly precipitation for 31 years, 4.46.

[12—'01—70—350.]

FEB 24 1902

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of December, 1901.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of December, 1901 903
Population estimated at . . . . 573,579 Rate per 1,000 inhabitants, 18.89

Total number	903
SEX.	
Males	493
Females	410
CONDITION.	
Single	430
Married	309
Widowed	148
Divorced	4
Unknown	12
COLOR.	
White	870
Black (Negro or mixed)	33
Indian	—
Chinese	—
Japanese	—
Total deaths of children, Under 1 year	137
Total deaths of children, Under 2 years	181
Total deaths of children, Under 5 years	231
Diarrhœal diseases, Under 1 year	7
Diarrhœal diseases, Under 2 years	7
Diarrhœal diseases, Under 5 years	8
Diarrhœal diseases, All ages	9

NATIVITY.	
United States	553
Ireland	174
England	12
Scotland	7
Germany	20
British America	73
Italy	21
Russia	12
Sweden	2
Other Countries	16
Unknown	13
PARENTAGE.	
United States	222
Irish	281
English	15
Scotch	12
German	30
British American	54
Italian	37
Russian	23
Swedish	7
Other Countries	22
Mixed	97
One parent unknown	32
Unknown	71
Still-births during the month	61

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1901.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	17							1			2	4	4	5	1											10	7
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola	40	3	4		1		8			2	3	3	9	7	4	2		2								23	17
6. Measles	11	1	5	3		1	10					1														9	2
7. Scarlatina	12	1	3	1	3	2	10	2																		5	7
8. Whooping cough	1		1				1																				1
9. Diphtheria and croup	5		1		1	1	3		1								1									4	1
9a. Diphtheria	18	2		5	2	3	12	4	1							1										7	11
10. Grippe	2																1		1								2
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	2	2					2																			2	
19. Other epidemic affections	1																							1			1
20. Purulent infection and septicemia	11	3					3	1		1		1	1			1	1				2					7	4
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	92	3	3	1			7	2	1	4	9	15	9	12	13	7	4	5	1	3						53	39
28. Tubercle of the meninges	7	1	2	2			5	1				1														4	3
29. Tubercle, abdominal	2							1					1														2
30. Pott's disease																											
31. Abscess, cold, and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	1																			1							1
34. Tubercle, generalized																											
35. Scrofula	2	2					2																			1	1
36. Syphilis																											
3. Tertiary	3											1		1							1					2	1
4. Hereditary	3	3					3																			2	1
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child																											
39. Cancer and other malignant tumors of the buccal cavity	2																		1		1					2	
40. Cancer and other malignant tumors of the stomach and liver	8												2				2	4								3	5

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1901.	AGE.																											SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—*Concluded.*																														
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	7			1			1										2			2	2							2	5
42. Cancer and other malignant tumors of the genital organs of the female	8												2	2		1	1		2										8
43. Cancer and other malignant tumors of the breast	1																1												1
44. Cancer and other malignant tumors of the skin																														
45. Cancer and other malignant tumors of organs not specified	9									1	1				2	1	1		1	1				1				4	5
46. Other tumors (tumors of the female genital organs excepted)	2																			1	1							1	1
47. Rheumatism, acute, articular																														
48. Rheumatism, chronic, and gout	1																	1										1	
49. Scorbutus																														
50. Diabetes	8								1			1			1	2			1		2							4	4
51. Goitre, exophthalmic																														
52. Addison's disease																														
53. Leukemia	3							1		1								1										1	2
54. Anemia, chlorosis	4												1	1	1			1										1	3
55. Other general diseases																														
56. Alcoholism, acute and chronic	7											2	1	1	1	1				1								7	
57. Saturnism																														
58. Other trade intoxications																														
59. Other chronic poisonings																														
Total general diseases	290	21	20	12	7	7	67	13	4	9	15	29	28	31	23	16	14	14	6	10	6	3		2				155	135
II. Diseases of the Nervous System and of the Organs of Sense.																														
60. Encephalitis																														
61. Meningitis, simple	16	4	5	3	1		13		2						1													8	8
61a. Meningitis, epidemic cerebrospinal	1							1																				1	
62. Locomotor ataxia, progressive	2														1					1								2	
63. Other diseases of the spinal cord	1																			1									1
64. Cerebral congestion and hemorrhage	49			1			1				2		1		3	4	4	2	5	9	6	7	4	1				19	30
65. Cerebral softening	1																		1									1	
66. Paralysis, without cause assigned	1																1												1
67. General paralysis	9																1	2	1	1	3	1						6	3
68. Other forms of mental alienation	2															1					1							1	1
69. Epilepsy	1																				1							1	
70. Eclampsia (non-puerperal)																														
71. Convulsions of children	13	10	2				13																					8	5
72. Tetanus	1				1		1																						1
73. Chorea																														
74. Hysteria																														
74b. Other affections of the nervous system	1																	1											1
75. Diseases of the eye and appendages																														
76. Diseases of the ear																														
Total of the nervous system, etc.,	98	14	7	4	2	1	28	1	2		2		1		5	5	6	5	7	12	11	8	4	1				47	51
III. Diseases of the Circulatory Apparatus.																														
77. Pericarditis	3					1	1	1			1																	3	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1901.	AGE.																												SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — *Concluded.*																															
78. Endocarditis, acute	7	1					1	1			2			1		1			1										3	4
79. Organic diseases of the heart	80	1					1	1	1	2	2	6	5	5	5	6	3	9	8	6	4	9	5	2					43	37
80. Angina pectoris	3												1				1	1											1	2
81. Affections of the arteries (atheroma, aneurism, etc.)	6															2	1					1		2					4	2
82. Embolism and thrombosis	3												1							1			1						2	1
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																															
84. Affections of the lymphatic system (lymphangitis, etc.)																															
85. Hemorrhages	3	2					2							1															3	
86. Other affections of the circulatory apparatus	1																			1									1	
Total of circulatory apparatus	106	4				1	5	3	1	2	5	6	7	7	5	9	5	10	9	8	4	10	6	4					60	46
IV. Diseases of the Respiratory Apparatus.																															
87. Diseases of the nasal fossæ																															
88. Affections of the larynx	1											1																	1	
89. Affections of the thyroid body																															
90. Bronchitis, acute	17	6	2				8			1					1			1	1	2	1	1		1					8	9
91. Bronchitis, chronic	9				1		1						1					1		2	1		2	1					5	4
92. Broncho-pneumonia	48	11	11	2	3		27		1	1	1	2	2	1		1		3	1	2	1	3		1	1				21	27
93. Pneumonia	65	9	3	2	2	1	17					4	4	5	4	3	1	4	4	5	5	4	3	2					39	26
94. Pleurisy	2									1												1							2	
95. Pulmonary congestion and apoplexy	4																1		1			1		1					3	1
96. Gangrene of the lung																															
97. Asthma																															
98. Emphysema, pulmonary	1																		1										1	
99. Other diseases of the respiratory apparatus (phthisis excepted)																															
Total respiratory apparatus	147	26	16	4	6	1	53		1	3	1	7	7	6	5	4	2	9	8	11	8	10	5	6	1				80	67
V. Diseases of the Digestive Apparatus.																															
100. Affections of the mouth and its adnexa,	2																	1	1										1	1
101. Affections of the pharynx																															
102. Affections of the esophagus																															
103. Ulcer of the stomach	4												1	1				1	1										1	3
104. Other affections of the stomach (cancer excepted)	2														1						1									2
105. Diarrhœa and enteritis (under two years)	7	7					7																						5	2
105a. Diarrhœa and enteritis, chronic																															
106. Diarrhœa and enteritis (two years and over)	2			1			1																	1						2
107. Parasites, intestinal																															
108. Hernia, intestinal obstructions	9	3					3											2	2	1	1								4	5
109. Other affections of the intestines																															
110. Icterus, grave																															
111. Hydatid tumors of the liver	1													1															1	
112. Cirrhosis of the liver	4												1	1				1	1										3	1
113. Biliary calculi	1																					1								1
114. Other affections of the liver	2	1					1										1												1	1
115. Affections of the spleen																															

SUMMARY OF DEATHS IN BOSTON,

With Principal Causes, for the year 1901, compared with those of 1900.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M. D., Chairman.

	1901.	1900.		1901.	1900.
Total No. of deaths from all causes .	11,300	11,678	Intermittent fever	1	6
Population	(Estimated) 573,579	(Census) 560,892	Measles	103	88
Annual death rate per 1,000 inhabitants	19.70	20.82	Pulmonary, laryngeal and general tuberculosis . .	1,346	1,407
*Total No. from zymotic diseases . .	3,494	3,787	Puerperal fever	31	29
Percentage of deaths from zymotic diseases to total mortality . .	30.92	32.43	Pyæmia and septicæmia . . .	98	100
Total No. of still-births	576	578	Rheumatism	35	69
Total deaths of children under 1 year .	2,287	2,410	Scarlatina	210	181
" " " " 2 years	2,846	3,013	Smallpox	75	–
" " " " 5 years	3,469	3,752	Syphilis (congenital) . . .	22	20
Percentage of deaths under 5 years to total mortality	30.69	32.13	Syphilis	13	10
Total No. of deaths from diarrhœal diseases, under 5 years . . .	646	661	Typhoid fever	142	143
Total No. of deaths from diarrhœal diseases, all ages	725	762	Typhus fever	–	–
Percentage of deaths from diarrhœal diseases to total mortality . .	6.41	6.52	Whooping cough	65	99
Cholera morbus	4	15	Yellow fever	–	–
Cholera infantum	210	299	Other zymotic diseases . . .	4	2
Cerebrospinal meningitis	54	66	Cancer	368	452
Diarrhœa	484	442	Bright's disease	123	142
Dysentery	27	6	Bronchitis	301	304
Diphtheria and croup	353	537	Heart disease	963	1,009
Erysipelas	51	53	Pneumonia	1,099	1,241
Influenza	166	215	Old age	323	315
			Violent deaths	671	561

* The increased number of deaths in the zymotic group in 1901 and 1900 over previous years is chiefly due to the incorporating into this group, pulmonary, laryngeal, and general tuberculosis, with some forms of diarrhœal diseases.

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MONTHLY STATEMENT OF DEATHS.

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V. Diseases of the Digestive Apparatus. —*Concluded.*																											
116. Peritonitis, simple (puerperal excepted),	4				1		1								2	1										2	2
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																											
118. Appendicitis and abscess of the iliac fossa	11							1	3	1	1	3	1			1										7	4
Total digestive apparatus	49	11		1	1		13	1	3	1	1	3	3	3	1	2	3	5	5	1	2	1		1		25	24
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	40	2				1	3		1	1	1	2		6	5	5	3	1	5	5		2				20	20
120. Bright's disease	10											3	1	2				1	2				1			4	6
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	2																			1			1			2	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	1																					1				1	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous	1													1													1
130. Other diseases of the uterus	1										1																1
131. Cysts and other tumors of the ovary	2													1		1											2
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	57	2				1	3		1	1	2	5	1	10	5	6	3	2	7	6		3	2			27	30
VII. Puerperal State.																											
134. Accidents of pregnancy																											
135. Hemorrhage, puerperal	1													1													1
136. Other accidents of labor																											
137. Septicemia, puerperal	4										1	1	2														4
138. Albuminuria and puerperal eclampsia,																											
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents — sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	5										1	1	2	1													5
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	1																	1									1
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue	1																	1									1
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1901.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion. — *Concluded.*																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	1	1					1																			1	
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	47	47					47																			32	15
152. Other diseases appertaining to infancy,	9	9					9																			6	3
153. Lack of care																											
Total early infancy	56	56					56																			38	18
XII. Old Age.																											
154. Senile debility	25																			1	6	4	7	4	3	8	17
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	5												1	1	1	1	1									5	
156. Suicide by asphyxia	1															1										1	
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms	5										1		1	2		1										5	
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing	1										1															1	
163. Other suicides																											
164. Fractures	13							1			1	1		1	1				2	3	1		1		1	8	5
165a. Luxations																											
166. Other accidental traumatisms	16									1	1	4	1	3			1	2	1	2						13	3
167. Burns and scalds	5			1	1		2										2		1							3	2
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	1															1										1	
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	4									2				1	1											4	
175. Other acute poisonings																											
176. Other external violence	9		1				1				1	3	2	1	1											9	
Total affections, etc.	60		1	1	1		3	1		3	5	8	5	9	4	4	4	2	4	5	1		1		1	50	10
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	8	2					2				1	2			1			1		1						2	
Total ill-defined diseases	8	2					2				1	2			1			1		1						2	
Total from all causes,	903	137	44	22	17	11	231	19	12	19	33	61	54	67	49	46	37	48	47	55	38	39	25	18	5	493	410

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 489.55. Asphalt 13.80, block stone 86.97, brick 0.80, cobblestone 1.01, macadamized 280.57, gravel 95.98, not graded 10.42. Area of parks (including "public grounds"), 2,503.32 acres. Number of buildings, including tenement houses, 81,376. *Tenement houses, four or more families, 4,950. Daily consumption of water (Metropolitan system), Boston, with fourteen other cities and towns, 88,533,000 gallons. Daily capacity of water supply, 105,750,000 gallons. Reservoir capacity, 15,755,500,000 gallons. Storage reservoirs, 10.

*A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF DECEMBER, 1901, AND FOR THE CORRESPONDING MONTH IN 1900.

	City.		Quarantine.			City.		Quarantine.	
	Dec. 1901.	Dec. 1900.	Dec. 1901.	Dec. 1900.		Dec. 1901.	Dec. 1900.	Dec. 1901.	Dec. 1900.
Cholera	—	—	—	—	Measles	496	123	—	—
Chicken-pox	84	29	—	—	Scarlatina	119	137	—	—
Cerebrospinal Meningitis	1	2	—	—	Smallpox	201	—	—	—
Diphtheria and Croup	212	667	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	73	70	—	—	Typhoid fever	39	78	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	—
Calves "	—
Sheep "	—
Hogs "	—
Cattle condemned, —	— lbs.
Calves " —	— "
Sheep " —	— "
Hogs " —	— "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	
Veal (immatured)	367 lbs.
Poultry	825 "
VEGETABLES.	
Tomatoes	5 crates
Corn	23 cans
Beans	25 "
Tomatoes	30 "

BACTERIOLOGICAL LABORATORY.

Diphtheria.	Primary.			Secondary.			Totals.
	Pos.	Neg.	No Growth.	Pos.	Neg.	No Growth.	
Diagnosis	115	503	4	9	180	—	811
Release	6	34	—	89	204	4	337
Totals	121	537	4	98	384	4	1,148
	Positive.		Negative.		Unsat.		
Tuberculosis	33		112		—		145
Typhoid	7		66		4		77
Glanders	5		1		5		11
Other Examinations	—		5		1		6
				Grand Total			1,387

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of December, 1901, as reported by J. W. SMITH, F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.
1	30.00	37	74	S.W.	.00
2	29.87	51	71	S.W.	.00
3	29.90	34	98	N.	.90
4	29.85	21	68	N.W.	.86
5	30.22	18	68	N.W.	.00
6	30.48	17	70	N.	.00
7	30.49	20	78	N.	.00
8	30.34	28	82	S.E.	.00
9	30.01	44	80	S.W.	.00
10	29.80	47	77	S.W.	.85
11	30.28	40	60	W.	.00
12	30.42	39	82	N.E.	.00
13	30.37	48	94	S.	.02
14	30.16	56	86	S.	.01
15	29.72	42	82	S.	1.26
16	30.02	16	58	N.W.	.00
17	30.02	18	71	N.	.06
18	30.07	18	77	N.	.04
19	30.24	19	90	N.W.	*T
20	30.30	19	74	N.	.00
21	30.23	18	74	N.	.00
22	30.20	20	68	S.	.00
23	29.89	34	72	S.W.	*T
24	29.65	38	83	W.	.68
25	29.90	36	78	S.W.	.01
26	30.20	36	67	W.	.00
27	29.94	36	84	N.W.	.81
28	30.32	36	76	S.E.	.00
29	29.64	49	96	S.W.	.91
30	29.59	42	95	N.	2.08
31	29.69	30	64	N.	.00
TOTALS.....	—	—	—	—	8.49
MEANS.....	30.06	32.3	77	N.W.	.274

GENERAL ITEMS.

Mean Barometer, 30.06.
Highest Barometer, 30.54 on the 7th.
Lowest Barometer, 29.48 on the 29th.
Monthly Range of Barometer, 1.06.
Mean Temperature, 32.
Highest Temperature, 64 on the 14th.
Lowest Temperature, 9 on the 6th.
Monthly Range of Temperature, 55.
Greatest Daily Range of Temperature, 41 on the 15th.
Least Daily Range of Temperature, 4 on the 25th.
Mean Daily Range of Temperature, 14.
Mean Daily Dew-point, 26.
Mean Daily Relative Humidity, 77.
Prevailing Direction of Wind, N.W.
Total Movement of Wind, 8,888 miles.
Highest Velocity of Wind and Direction, 44—S.E.—15th.
Number of Foggy Days, none. Number of Fair Days, 8.
Number of Clear Days, 8. Number of Cloudy Days, 15.
Total Number of Days on which Rain or Snow fell, 13.
Depth of Unmelted Snow on ground at end of month, none.
Dates of Auroras, none. Dates of Lunar Halos, none.
Dates of Solar Halos, none.
Thunder Storm, none. Dates of Frosts, none.
Mean Maximum Temperature, 39.5. Mean Minimum Temperature, 25.3.

MEAN TEMPERATURE for this month in		Total Precipitation for this Month in Inches	
1871	28	1871	3.88
1872	24	1872	3.29
1873	31	1873	5.64
1874	31	1874	2.14
1875	29	1875	0.75
1876	22	1876	3.71
1877	35	1877	1.32
1878	30	1878	6.76
1879	32	1879	5.36
1880	26	1880	3.42
1881	38	1881	3.80
1882	30	1882	2.65
1883	29	1883	3.71
1884	33	1884	4.46
1885	33	1885	2.09
1886	29	1886	3.66
1887	32	1887	2.71
1888	36	1888	4.38
1889	38	1889	1.83
1890	26	1890	3.92
1891	40	1891	3.58
1892	30	1892	1.12
1893	30	1893	5.16
1894	32	1894	4.28
1895	36	1895	2.45
1896	30	1896	1.70
1897	34	1897	3.92
1898	32	1898	2.19
1899	36	1899	1.52
1900	33	1900	2.25
1901	32	1901	8.49

*T indicates trace of precipitation. Average mean temperature for 31 years, 32. Average monthly precipitation for 31 years, 3.41.

STUDIO BUILDING TRADES PUBLICATIONS BOSTON

B.P.L. Bindery,
JUN 2 1902